CARIBBEAN EXAMINATIONS COUNCIL®

SCHOOL-BASED ASSESSMENT MANUAL FOR PRINCIPALS

CARIBBEAN ADVANCED PROFICIENCY EXAMINATIONS® (CAPE®)



TABLE OF CONTENTS

Introduction to School-Based Assessment	1
Regulations and Procedures Applicable to School-Based Assessment	3
Reminders to Principals	4
The Compilation and Submission of School-Based Assessment Scores	4
Moderation	5
School-Based Assessment Requirements	7
SUBJECT GUIDELINES	
CAPE Accounting	9
CAPE Agricultural Science	12
CAPE Applied Mathematics	14
CAPE Art and Design	16
CAPE Biology	19
CAPE Building and Mechanical Engineering Drawing	22
CAPE Caribbean Studies	25
CAPE Chemistry	27
CAPE Communication Studies	30
CAPE Computer Science	33
CAPE Digital Media	36
CAPE Economics	39
CAPE Electrical and Electronic Technology	42

CAPE Entrepreneurship	44
CAPE Environmental Science	47
CAPE Food and Nutrition	50
CAPE French	52
CAPE Geography	55
CAPE History	58
CAPE Information Technology	61
CAPE Integrated Mathematics	64
CAPE Law	66
CAPE Literatures in English	69
CAPE Logistics and Supply Chain Operations	72
CAPE Management of Business	75
CAPE Performing Arts	78
CAPE Physical Education and Sport	85
CAPE Pure Mathematics	87
CAPE Physics	89
CAPE Sociology	91
CAPE Spanish	94
CAPE Tourism	97

INTRODUCTION

School-Based Assessment is an integral part of candidate assessment in the course covered by the syllabus. It is intended to assess certain knowledge, skills and attitudes that are associated with the subjects which are not easily assessed in external examinations. The activities constructed under School-Based Assessment are linked to the syllabus and should form part of the learning activities to enable the candidate to achieve the objectives of the syllabus.

During the course of study for the subject, candidates are awarded marks by their teachers for specified knowledge, skills and attitudes they demonstrate as they undertake their School-Based Assessment assignments. These marks contribute to the final marks and grades that are awarded to candidates for their performance in the examination.

The Caribbean Examinations Council seeks to ensure that the School-Based Assessment (SBA) scores are valid and reliable estimates of the achievement of candidates through the guidelines provided in the syllabuses which are intended to assist in achieving this objective. The guidelines should assist teachers and candidates in selecting appropriate tasks/assignments that are valid for the purpose of the SBA as well as assist teachers in awarding marks that are consistent with the performance of candidates.

In order to ensure that the scores awarded by teachers are not out of line with the Council's standards, the Council undertakes the moderation of a sample, per centre, of the School-Based Assessment assignments marked by the teachers.

School-Based Assessment provides opportunities for teachers and candidates to organise the learning activities of selected sections of the curriculum to meet the individual needs of each candidate. It facilitates feedback at various stages of the experience and helps build the self-confidence of candidates as they proceed with their studies. School-Based Assessment also facilitates the development of the critical skills and abilities emphasized by the subject and enhances the validity of the examination on which candidate performance is reported. School-Based Assessment, therefore, makes a significant and unique contribution to both the development of relevant skills and the testing and rewarding of candidates for the development of those skills.

The regulations and guidelines pertaining to the completion and submission of School-Based Assessment remain the same for the CAPE® Diploma but options for the Associate Degree programme have changed. New Associate Degree options which are effective from 2015 are listed overleaf. However, the previous options are also being offered in 2015 only so that candidates in their final year would not be disadvantaged.

 The CAPE® Diploma will be awarded for the satisfactory completion of a programme of at least six Units including Caribbean Studies within grade ranges I-V.

ASSOCIATE DEGREES WHICH WILL CEASE AFTER 2015

- All candidates must register for the Associate Degree during the year of expected completion. To be awarded the Associate Degree candidates must attain seven Units including Caribbean Studies and Communication Studies within Grade ranges I-V in any of the following areas:
 - Business Studies
 - Environmental Science
 - General Studies
 - Humanities

- Information Technology
- Mathematics
- Modern Languages
- Natural Sciences and
- Technical Studies

NEW ASSOCIATE DEGREE OPTIONS EFFECTIVE 2015 ALSO

AREAS OF SPECIALISATIONS

Effective 2015 examinations, CXC® offers Associate of Arts and Associate of Science Degrees with different specialisations. These are:

	Associate of Arts		Associate of Science	
	Business Studies	Humanities	Natural & Social Science	Applied Science
1.	Accounting	History	Mathematics	Industrial Technology
2.	Economics	Sociology	Information and Communication Technology	
3.	Entrepreneurship	Law	Natural Sciences	
4.		Modern Languages	Environmental Studies	
5.		Visual Communication	Food and Nutrition	
6.		Performing Arts	Sports Studies	
7.		Tourism Studies	Agriculture	

The areas of specialisation under each specification will be expanded to accommodate the suite of new programmes.

Table 1.0: Areas of Specialisation for the CXC® Associate Degrees

1. REGULATIONS AND PROCEDURES APPLICABLE TO SCHOOL-BASED ASSESSMENT

The CXC® Regulations and Procedures applicable to SCHOOL-BASED ASSESSMENT are given below.

Regulation 2.1.10: Candidates presented by recognised Educational Institutions must submit within the year of the examination, their SCHOOL-BASED ASSESSMENT assignments as required by the syllabus.

Procedure 13.4.3: Candidates will be reported "ungraded: no SCHOOL-BASED ASSESSMENT received" if the required SCHOOL-BASED ASSESSMENT marks were not submitted by the presenting institution on their behalf or if, the Council having requested samples of the work done by the class, none was submitted by the presenting institution.

2. ONLINE SUBMISSION OF SBA MARKS (ORS)

All CAPE[®] SBA marks must be submitted <u>Online</u> using the SBA data capture module of the Online Registration System (ORS). Principals must therefore avoid submission of records of marks in paper based form. Teachers are encouraged to use the reports available in the ORS to ensure that candidates have been correctly registered for the subjects.

3. REGISTERING FOR CAPE® SUBJECTS

At the CAPE® level, candidates may be registered for one of four options:

- I. **SBA** this option must be chosen for candidates who would be submitting **SBA** assignments for assessment by the teacher;
- II. Resit this option must be chosen for candidates who would be re-using their moderated SBA marks from a previous sitting. The moderated SBA mark achieved, regardless of the level, may be re-used on two separate occasions immediately following the first sitting.;
- III. Transfer this option must be chosen for candidates who would be using the SBA marks from the same subject but in a different Unit. There are seven subjects in which the SBA mark achieved in Unit 1 or Unit 2 may be transferred between the Units of the same subject. The subjects are Economics, Geography, History, Law, Literatures in English, Management of Business, and Sociology. If candidates complete the SBA in one Unit, they can opt not to complete the SBA in the other Unit.;
- IV. Alternative this option must be chosen for candidates who would not be submitting SBA, re-using moderated SBA marks or transferring marks from another Unit. The candidates must be registered at a private centre, that is, a centre not recognised by CXC as school or fulltime educational institution. The subjects in which the Alternative option is not available to candidates are: Art and Design, Computer Science, Electrical and Electronic Technology, Food and Nutrition, Geometrical and Mechanical Engineering Drawing.

4. REMINDERS TO PRINCIPALS

Principals should ensure that:

- (i) adequate facilities and equipment are available for the conduct of the SCHOOL-BASED ASSESSMENT, for example, computers and laboratories;
- (ii) teachers are using the current syllabus;
- (iii) teachers and Heads of Department receive the appropriate guidelines;
- (iv) teachers are aware of the relevant materials, such as the Record of Marks/Assessment Sheet as well as the ORS requirements for the administration of the SCHOOL-BASED ASSESSMENT;
- (v) teachers download from the CXC® website the documents that are required for the administration of the programme;
- (vi) teachers offer assistance to candidates only as permitted in the syllabus;
- (vii) teachers verify that the work submitted by each candidate is that of the candidate;
- (viii) a completed Declaration Form is submitted indicating each subject for which submissions are made. (visit: www.cxc.org to download)
- (ix) the coursework not required for submission to CXC as a sample is available for inspection by the CXC team in the event that an SBA audit is called.

5. THE COMPILATION AND SUBMISSION OF SCHOOL-BASED ASSESSMENT SCORES

- 5.1. Great care should be exercised in the recording and totalling of all SCHOOL-BASED ASSESSMENT scores submitted.
- 5.2. SCHOOL-BASED ASSESSMENT scores must be submitted <u>Online</u> per centre. <u>ALL</u> relevant information, for example, the name of the teacher, the candidate's name, registration number and the complete record of <u>scores</u> must be submitted <u>for each</u> candidate registered for the current examination.
- 5.3. The MODERATION FORM should be used to record the registration number, candidate name and scores for the samples chosen by the ORS and must be submitted with the SCHOOL-BASED ASSESSMENT sample ONLY. The ORS Samples Report form must also be downloaded and submitted with the samples.
- 5.4. Principals should ensure that all candidates registered for subjects with SCHOOL-BASED ASSESSMENT components, either
 - (i) have scores for the current year
 - (ii) are recorded as "resits" for at the most two years, immediately following the first sitting, or
 - (iii) are recorded as transferring **SBA marks from one Unit to another (**where applicable).

- 5.5. Principals should note that the ORS file cannot be exported unless all marks have been entered.
- 5.6. Candidates, who did no work for the current year and have no SCHOOL-BASED ASSESSMENT scores from at the most, two years, **must be indicated in the ORS file** by clicking the "No SBA" tab in the ORS.

THE DEADLINE FOR THE RECEIPT OF ONLINE SCORES AND SAMPLES WILL BE <u>STRICTLY</u> ENFORCED. <u>CENTRES WILL BE LOCKED OUT OF THE ORS AFTER THE DEADLINE DATES INDICATED BY THE LOCAL REGISTRARS</u>

6. MODERATION

CXC moderates the SCHOOL-BASED ASSESSMENT in order to ensure that the assessment of the work of <u>different</u> schools carried out by <u>different</u> teachers using sometimes <u>different</u> tasks, is aligned to the standard of assessment defined by CXC.

5.1.1 Centre Moderation

All CAPE® subjects are centre moderated. Each Centre will be required to submit ONE sample consisting of the work of a maximum of five candidates per subject. Teachers of a specific subject, at a given centre are therefore required to collaborate on ALL aspects of the School-Based Assessment requirements.

The SBA data capture module of the ORS will select the five candidates whose School-Based Assessment should comprise the sample. <u>A Samples Report Form must be generated from the ORS, downloaded and submitted with the samples.</u> The selection criteria will include the candidate with the top, the middle and the bottom of the range of scores, as well as those midway between the top and the median, and midway between the median and the lowest score. Teachers are reminded to adhere to the instructions for the submission of samples for specific subjects.

Failure to adhere to instructions for submission will result in ungraded results for the candidates.

5.1.2 Moderation Techniques

The two major strategies used to accomplish this objective can be described as follows:

5.1.3 Moderation by Remarking

Trained examiners remark samples of assignments, practical work or projects during the Marking Exercise. These samples are carefully chosen so as to analyse the quality of the marking and the consistency with which the teachers apply the Marking Scheme.

Besides providing a moderation procedure, the remarking of the assignments has another critical purpose. It is intended to assess whether teachers have understood Council's procedures. Council provides moderation feedback reports to teachers with comments designed to help teachers to improve their professional expertise in assessment. This diagnostic concept is a critical feature in the development of the teachers of the region.

5.1.4 **Oral Examination**

Approved examiners conduct oral examinations at a school or a centre using a set of tasks or examination questions prescribed by the Council.

Visiting Moderation

Moderators or trained CXC assessors, visit the schools or centres and mark tasks on site. The assessment involves observing process skills and the evaluation of products. In some instances, all the tasks are assessed; in other instances, only samples of tasks are assessed.

7. GUIDELINES TO TEACHERS FOR SUBMITTING SCHOOL-BASED ASSESSMENT SAMPLES

- 7.1. In addition to sending the SBA scores Online Teachers of subjects which include a SCHOOL-BASED ASSESSMENT component, must send by the date prescribed, the SCHOOL-BASED ASSESSMENT work of the sample of candidates (together with copies of Teachers' Test mark schemes and solutions, where applicable) and submit that work to the Council in accordance with the guidelines set.
- 7.2. The work of the selected candidates must be submitted together with the completed SCHOOL-BASED ASSESSMENT Moderation Form as well as the Samples Report Form which is generated from the ORS. If a teacher is unable to submit the work of particular candidates or samples of the candidates' work, a full explanation of the school's non-compliance with the Council's regulations must be submitted by the Principal to the Registry by June 15. For Pure Mathematics and Accounting Unit 2, teachers must remember to include class test pages and key marking schemes for the samples.
- 7.3. Each item of the selected samples of work must be clearly identified with **bold** inscriptions of:
 - (i) candidate's name;
 - (ii) the candidate's complete registration number as assigned by the Council;
 - (iii) the subject and the Unit, for example, Accounting Unit 1;
 - (iv) the candidate's score.
- 7.4. All samples of work in a particular subject must be secured together in ONE package or envelope.
- 7.5. The package or envelope must be clearly marked with the:
 - (i) Full centre name and code
 - (ii) name of the subject and the Unit;
 - (iii) name(s) of the teacher(s) who marked the sample of work.

Labels will be provided by the Council for this purpose.

- 7.6. The school must generate and keep a copy of the SBA Scores Report and use for verification of the candidates' scores as well as the SBA Status Report which provides evidence of the scores exported. The school must also obtain from the Local Registrar, confirmation that the SBA marks submitted Online have been received.
- 7.7. The teachers must indicate if they wish the samples of work to be returned. <u>This information must be submitted no later than 30 June</u>. The cost of returning samples of work must be borne by the school or Local Registrar.
- 7.8. The work of ALL candidates should be retained at the school for at least three months following the publication of results.

8. SCHOOL-BASED ASSESSMENT REQUIREMENTS

8.1. Deadlines for Submission

The deadlines for submission of SBA marks for each subject indicate when the documents should reach CXC and in some cases supersede deadline dates stated in the syllabus. Failure to submit SCHOOL-BASED ASSESSMENT documents by the deadline dates will result in candidates being reported "ungraded".

LOCAL REGISTRARS WILL SET LOCAL DEADLINES FOR SUBMISSION OF RECORDS FROM SCHOOLS.

8.2. Retention of Assignments

All assignments, projects and assessment sheets are part of the examination records and will be considered the property of the Council. The Council may request the SCHOOL-BASED ASSESSMENT assignments of other candidates for moderation.

8.3. SBA Audit

Officers of the Council will be visiting randomly selected Schools to inspect remaining coursework not required as samples. Principals and Teachers must retain all assignments, projects and assessment sheets of candidates and must produce these to the Council's Inspectors when asked to do so. Candidates for whom SBA coursework is not available during the audit, will be reported "ungraded – no SBA submitted".

7.4. Resit Candidates

A candidate who re-writes the examination in the same Unit within two years may re-use the moderated SBA score earned in the previous sitting within the preceding two years. Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be re-used. Candidates re-using the SBA scores in this way must register as Re-sit candidates and provide the previous candidate number.

In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

9. ORDER OF MERIT

In accordance with Regulation 12.1 the Order of Merit list for each class must be submitted to Council. Teachers are therefore now required to use the SBA data capture module of the ORS for the submission of the Order of Merit of candidates. Principals and teachers should note that the SBA scores, Order of Merit and Estimated Grades, for all candidates for all subjects, must be entered before the SBA file is exported under the import/export menu of the ORS.

Teachers are asked to note that Rank Order and Estimated Grades must be based on candidates overall performance over the period of preparation for the examination and $\underline{\text{NOT}}$ **SOLELY** on the SBA scores.

SUBJECT: ACCOUNTING {CXC A8/U2/12}

EFFECTIVE FOR EXAMINATIONS: FROM MAY/JUNE 2013

NO. OF UNITS	TWO	
WEIGHTING	20 per cent	
MODULES	UNIT 1: FINANCIAL ACCOUNTING	
	MODULE 1: Accounting Theory, Recording and Control Systems MODULE 2: Preparation of Financial Statements MODULE 3: Financial Reporting and Interpretation UNIT 2: COST AND MANAGEMENT ACCOUNTING MODULE 1: Costing Principles	
	MODULE 2: Costing Systems MODULE 3: Planning and Decision Making	
TYPE OF ASSIGNMENT	UNIT 1: One research project (a report of 1500 words to be submitted) UNIT 2: 3 1 ½ hour tests, one per Module, or 2 forty-five minute tests, two per module.	
OCUMENTS AVAILABLE (These may be downloaded from the CXC* website: www.cxc.org)	 Guidelines for Submitting School-Based Assessment Record of Marks for School-Based Assessment Moderation of School-Based Assessment School-Based Assessment Feedback to Schools (Completed forms will be sent to schools after results are issued) 	
DOCUMENTS TO BE SUBMITTED (Copies of the Teachers' Tests, Mark schemes and Solutions must be submitted with the samples for moderation for Unit 2)	 UNIT 1: Record of Marks (via the ORS) School-Based Assessment sample Projects with the completed Moderation of SBA Sample form UNIT 2: Record of Marks The tests set, their keys and Marking Schemes Sample of candidates' graded scripts with the completed Moderation of SBA Sample form May 31 of the examination year 	
DEADLINE FOR RECEIPT AT CXC	The work of the candidates should be retained at the school for at least 3 months following publication of results.	

SELECTION OF SCHOOL-BASED -ASSESSMENT SAMPLE

Each centre must submit **ONE** SBA sample consisting of the work of FIVE candidates.

- After the candidates' SBA scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system
- For each Unit the e-SBA system will select the sample according to the following procedure:
- The marks obtained on the projects and tests will be arranged in descending order, highest to lowest
- The e-SBA system will select the candidates with the
 - highest mark
 - middle (median) mark
 - lowest mark
 - mark midway between the highest and middle mark.
 - mark midway between the lowest and the middle mark
- The centre MUST submit, by the stipulated deadlines, ONLY the sample that has been selected by the e-SBA system
- Where the number of candidates is less than five, the work of ALL candidates must be submitted.

SYLLABUS GUIDELINES

(pages 30 –38)

UNIT 1:

- Candidates should conduct an investigation based on specific objectives that have been selected from one or more of the Modules.
- The objectives selected for investigation should reflect legal, social, ethical or technological issues and their impact on businesses in the Caribbean.
- A research report of 1500 words should be submitted and should preferably be word processed and double spaced.
- A schedule of the dates for submitting project work, agreed upon by teachers and candidates should be firmly established.

UNIT 2:

- 3 1 ½ hour tests prepared, administered and marked by the teacher, one per module OR
- Two forty-five minute tests, 2 per module.
- Tests could be multiple choice, short answer, extended essay or a problem or any combination of these.
- A detailed key and marking scheme must be prepared for each test.

RESIT PROVISIONS	 A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting. Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused. Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number. In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

SUBJECT: AGRICULTURAL SCIENCE {CXC A30/U2/13}

EFFECTIVE FOR EXAMINATIONS: FROM MAY/JUNE 2015

NO OF UNITS	
NO. OF UNITS	2
WEIGHTING	
MODULES	UNIT 1: FUNDAMENTALS OF AGRICULTURE AND CROP PRODUCTION MODULE 1: The Science and Business of Agriculture MODULE 2: Horticulture and Management MODULE 3: Postharvest Technology and Innovation UNIT 2: ANIMAL PRODUCTION AND THE ENVIRONMENT
	MODULE 1: Agriculture and the Environment MODULE 2: Animal Production and Management MODULE 3: Livestock Products and Innovation
TYPE OF ASSIGNMENT	UNIT 1: A portfolio comprising reports of site visits, practical activities, and a business plan UNIT 2: A portfolio comprising a report on processing of carcasses, a marketing plan and an investigation
DOCUMENTS AVAILABLE (These may be downloaded from the CXC® website: www.cxc.org)	 Guidelines for Submitting School-Based Assessment Record of Marks for School-Based Assessment Moderation of School-Based Assessment School-Based Assessment Feedback to Schools (Completed forms will be sent to schools after results are issued)
DOCUMENTS TO BE SUBMITTED	 UNIT 1: Record of Marks (via the ORS) School-Based Assessment sample Portfolios with the completed Moderation of SBA Sample form UNIT 2: Record of Marks (via the ORS) School-Based Assessment sample Portfolios with the completed Moderation of SBA Sample form
DEADLINE FOR RECEIPT AT CXC	May 31 of the examination year The work of the candidates should be retained at the school for at least 3 months following publication of results.

SELECTION OF SCHOOL-Each centre must submit **ONE** SBA sample consisting of the work of FIVE candidates. **BASED -ASSESSMENT SAMPLE** After the candidates' SBA scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system For each Unit the e-SBA system will select the sample according to the following procedure: The marks obtained on the projects and tests will be arranged in descending order, highest to lowest The e-SBA system will select the candidates with the - highest mark - middle (median) mark lowest mark - mark midway between the highest and middle mark. - mark midway between the lowest and the middle mark The centre MUST submit, by the stipulated deadlines, ONLY the sample that has been selected by the e-SBA system Where the number of candidates is less than five, the work of ALL candidates must be submitted. **SYLLABUS GUIDELINES** UNIT 1: Candidates must write reports of site visits and practical For the practical activities, candidates must cultivate three Candidates must develop a business plan UNIT 2: Candidates must process broilers or rabbits. Candidates must develop a marketing plan. Candidates must conduct an investigation and write a project report. **RESIT PROVISIONS** A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting. Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused. Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number. In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

SUBJECT: <u>APPLIED MATHEMATICS { CXC A9/U1/04}</u>

EFFECTIVE FOR EXAMINATIONS: FROM MAY/JUNE 2009

NO. OF UNITS	TWO	
	20 per cent	
WEIGHTING	UNIT 4. CTATICTICAL ANALYSIS	
MODULES	UNIT 1: STATISTICAL ANALYSIS	
	MODULE 1: Collecting and Describing Data	
	MODULE 2: Managing Uncertainty MODULE 3: Analysing and Interpreting Data	
	UNIT 2: MATHEMATICAL APPLICATIONS	
	MODULE 1: Discrete Mathematics	
	MODULE 2: Probability and Distributions MODULE 2: Particle Mechanics	
TYPE OF ASSIGNMENT	UNIT 1	
	A Project on any aspect of the Unit based on personal research	
	or investigation involving collection, analysis and evaluation of data.	
	UNIT 2	
	A project requiring the candidate to apply mathematical concepts and skills to probe, describe and explain common everyday occurrences or some phenomenon of interest to the	
	candidate	
DOCUMENTS AVAILABLE	■ Record of Marks for School-Based Assessment	
(These may be downloaded	Cover page for the Assignment	
from the CXC [®] website: www.cxc.org)	Guidelines for Submitting School-Based Assessment	
<u></u>	 Moderation of School-Based Assessment 	
	 School-Based Assessment Feedback to Schools (Completed forms will be sent to schools after results are 	
	issued)	
DOCUMENTS TO BE	For each Unit:	
SUBMITTED	 Record of Marks for School-Based Assessment (via the ORS) 	
	 Sample of project reports with the completed Moderation of SBA Sample Form 	
DEADLINE FOR RECEIPT AT CXC	May 31 of the examination year:	
	The work of the candidates should be retained at the school for at least 3 months following publication of results.	

Each centre must submit ONE SBA sample consisting of the SELECTION OF SCHOOLwork of FIVE candidates. BASED ASSESSMENT SAMPLE After the candidates' scores have been entered electronically, the sample of FIVE for the centre will be automatically selected by the e-SBA system. For each Unit, the e-SBA system will select the sample according to the following procedure: The marks obtained on the projects will be arranged in descending order, highest to lowest. The e-SBA system will identify the candidates with the - highest mark - lowest mark - middle mark - mark midway between the highest and middle mark - mark midway between the lowest and the middle mark The centre MUST submit, by the stipulated deadline, ONLY the sample that has been selected by the e-SBA system. Where the number of candidates is less than five, the assignments of ALL candidates must be submitted. For each Unit: **SYLLABUS GUIDELINES** (pages 49 - 63) Each candidate is required to complete a project. The assessment criteria should be available to the candidate at all times The length of the project should not exceed 2000 words excluding diagrams, graphs, tables and bibliographies Teachers are required to ensure that all assignments are the candidates' work. Teachers are required to impose a penalty of 10 per cent of the score achieved by any candidate whose project report exceeds 2,200 words. A candidate who rewrites the examination in the same **RESIT PROVISIONS** Unit within two years may reuse the moderated SBA score earned in the previous sitting. Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused. Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number. In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

SUBJECT: ART AND DESIGN {CXC° A18/U2/10}

EFFECTIVE FOR EXAMINATIONS: FROM MAY/JUNE 2012

NO OF LINITS	TWO	
NO. OF UNITS		
WEIGHTING	60 per cent	
MODULES	UNIT 1: FOUNDATIONS OF ART AND DESIGN	
	Module 1: Cultural Studies	
	Module 2: Two-Dimensional Art and Design	
	Module 3: Three-Dimensional Art and Design	
	UNIT 2: APPLICATION OF ART AND DESIGN	
	Module 1: Design	
	Module 2: Applied Arts	
	Module 3: Creative Projects	
TYPE OF ASSIGNMENT	UNIT 1	
	■ Module 1: Research Paper	
	 Module 2: Practical Skills Portfolio 	
	Module 3: Practical Skills Portfolio	
	UNIT 2	
	Module 1: Practical Skills Portfolio	
	Module 1: Practical Skills Portfolio Module 2: Practical Skills Portfolio	
	Module 2: Fractical Skills Fortion Module 3: Creative Project with an Illustrated Journal	
DOCUMENTS	Wiodale 3. Creative Froject with an mastrated Journal	
AVAILABLE	Cover Page for Research Paper	
AVAILABLE	Record of Marks for School-Based Assessment	
(These may be	 Guidelines for Submitting School-Based Assessment Sample 	
downloaded from the	 School-Based Assessment Summary Sheet Module 1 	
CXC° website:	 School-Based Assessment Summary Sheet Module 1 School-Based Assessment Summary Sheet Module 2 	
www.cxc.org)	 School-Based Assessment Summary Sheet Module 2 School-Based Assessment Summary Sheet Module 3 	
www.cxc.org/	School-Based Assessment List of Assignments	
	Labels to be affixed to SBA Production Pieces	
	Moderation of School-Based Assessment	
	Moderation of School-Based Assessment Moderation Feedback Report on School-Based Assessment (completed)	
	forms will be sent to schools after results have been issued)	
DOCUMENTS TO BE	For each Unit	
DOCUMENTS TO BE	For each Unit Record of marks for School-Based Assessment (via the ORS)	
SUBMITTED	Record of marks for sensor based rissessment (via the ons)	
	 School-Based Assessment Summary Sheet for each Module 	
	 Sample of project assignments 	
	 Moderation of SBA form 	
DEADLINE FOR RECEIPT AT CXC	May 31 of the examination year	
, Al CAC	The work of the candidates should be retained at the school for at least 3 months following publication of results.	

SELECTION OF SCHOOL-BASED ASSESSMENT SAMPLE

Each centre must submit **ONE** SBA sample consisting of work of FIVE candidates for all modules except Unit 2 Module 3.

- After the candidates' scores have been entered electronically, the sample of FIVE for the centre will be automatically selected by the e-SBA system.
- For each Unit, the e-SBA system will select the sample according to the following procedure:
- The marks obtained on the projects will be arranged in descending order, highest to lowest.
- The e-SBA system will identify the candidates with the
 - highest mark
 - lowest mark
 - middle mark
 - mark midway between the highest and middle mark and
 - mark midway between the lowest and the middle mark
- The centre MUST submit, by the stipulated deadline, the work of only those candidates the system has selected.
- Where the number of candidates is less than five, the assignments of ALL candidates must be submitted.
- Unit 2 Module 3 The work of all candidates must be submitted

SYLLABUS GUIDELINES

(pages 39 - 55)

- For Module 1 of Unit 1, a research paper of 1,000 − 1,500 words is required. Teachers are required to impose a penalty of 10 per cent of the score achieved by any candidate whose research paper exceeds 1,650 words.
- For Modules 2 and 3 of Unit 1, each portfolio will consist of three pieces.
- For Modules 1 and 2 of Unit 2, each portfolio will consist of two pieces.
- For Module 3 of Unit 2, the portfolio may consist of one or more pieces; the candidates MUST keep an Illustrated Journal of the work done for the Creative Project. Creative Projects and Illustrated Journals of ALL candidates must be submitted to CXC for Moderation. However, in instances where pieces are too large to be transported, photographs or other visual evidence of the creative project MUST be submitted.
- <u>ALL</u> ILLUSTRATED JOURNALS <u>MUST</u> BE SUBMITTED FOR MODERATION.

The guidelines for presenting the portfolio are as follows:

- CXC labels with the relevant information completed, should be affixed to each piece;
- photographic slides of Portfolio items must be securely packaged and accurately labelled;
- teachers should discourage duplication of material: although two candidates may write on the same topic, there must be evidence of individual work;
- the Illustrated Journal must present an overview of the project from the conceptual stage through to completion and record the development and changes in the project;

	information should be presented using a combination of the following forms: notes, illustrations, sketches, photographs, slides or videotapes; and	
	 Visual evidence such as photographs MUST be submitted with the Illustrated Journal to show the developmental stages of the Creative Project. 	
	■ The assessment of practical skills MUST be conducted by the classroom teacher. The Assessment criteria contained in the syllabus are intended to assist teachers in awarding marks that are reliable assessments of the achievement of candidates on each practical performance.	
RESIT PROVISIONS	 A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting. Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused. Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number. 	
	In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.	

SUBJECT: BIOLOGY {CXC A10/U2/07}

EFFECTIVE FOR EXAMINATIONS FROM: MAY/JUNE 2009

NO. OF UNITS	TWO	
WEIGHTING	20 per cent	
MODULES	UNIT 1: BIOMOLECULES, REPRODUCTION AND DEVELOPMENT	
	MODULE 1: Cell and Molecular Biology MODULE 2: Genetics, Variation and Natural Selection MODULE 3: Reproductive Biology	
	MODULE 1: Bioenergetics MODULE 2: Biosystems Maintenance MODULE 3: Applications of Biology	
TYPE OF ASSIGNMENT	For each Unit	
	Laboratory Practical Exercises	
DOCUMENTS AVAILABLE (These may be downloaded from the CXC® website: www.cxc.org)	 School-Based Assessment Record Sheet Moderation of School-Based Assessment Form Guidelines for Submission of School-Based Assessment Moderation Feedback Report on School-Based Assessment (after results have been issued) 	
DOCUMENTS TO BE SUBMITTED	For each Unit:	
DEADLINE FOR RECEIPT AT CXC	 Record of Marks for School-Based Assessment (via the ORS) Teacher's Criteria for Assessment and Marking Scheme with sample of Laboratory Workbooks Completed Moderation of SBA Sample form May 31 of the examination year 	
	The work of the candidates should be retained at the school for at least 3 months following publication of results.	

SELECTION OF SCHOOL- BASED ASSESSMENT SAMPLE	Each centre must submit ONE SBA sample consisting of work of FIVE candidates. After the candidates' scores have been entered electronically, the sample of FIVE for the centre will be automatically selected by the e-SBA system.	
	For each Unit, the e-SBA system will select the sample according to the following procedure:	
	 The marks obtained on the laboratory practical exercises will be arranged in descending order, highest to lowest. The e-SBA system will identify the candidates with the highest mark lowest mark middle mark 	
	 mark midway between the highest mark and the middle mark and the mark midway between the lowest mark and the middle mark 	
	The centre MUST submit, by the stipulated deadline, the work of only those candidates the system has selected.	
	Where the number of candidates is less than five, the assignments of ALL candidates must be submitted.	
SYLLABUS GUIDELINES	Each candidate is required to keep a laboratory workbook	
(pages 39 – 41)	 containing ALL practical work done. Exercises used for School-Based Assessment should be CLEARLY identified, by placing the skill tested and the mark assigned, next to the relevant exercise Teachers set their own Laboratory exercises and devise their own Marking Schemes. 	
	 Detailed Marking Schemes for work assessed for submission and the criteria for assessment MUST be submitted along with the Laboratory books. Skills should be graded according to a 13-point scale, 0 – 12. 	
	 Practical work included in Specific Objectives highlighted by a single underline, must be included in the work shown in the Laboratory books. 	

RESIT PROVISIONS A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting. Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused. Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number. In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

SUBJECT: <u>BUILDING AND MECHANICAL ENGINEERING DRAWING</u>

{ CXC A22/U1/02}

EFFECTIVE FOR EXAMINATIONS FROM: MAY/JUNE 2016

NUMBER OF UNITS	TWO	
WEIGHTING	30 percent	
MODULES	UNIT 1 – Building and Mechanical Engineering Drawing	
WIODOLLS	OWN 1 Dunding and Weenanical Engineering Drawing	
	MODULE 1: Geometry 1	
	MODULE 2: Geometry 2	
	MODULE 3A: Engineering Drawing	
	MODULE 3B: Building Drawing	
	UNIT 2 – Building and Engineering Design	
	OPTION A: Mechanical Engineering Drawing and Design	
	MODULE 1: Mechanics of Machines	
	MODULE 2: Engineering Materials and Processes	
	MODULE 3: Engineering Design Elements	
	OPTION B: Building Drawing and Design	
	MODULE 1: Structural Drawings	
	MODULE 2: Building Materials and Processes	
	MODULE 3: Building Design Elements	
TYPE OF ASSIGNMENT	UNIT 1	
	Portfolio of 6 assignments of original work based on selected objectives. Two from each Module Assignment of Module 2 and 4 MUST be CAD – based on SO.13. Assignments 5 and 6 MUST be selected based on the option for which the candidate has registered. Complete record of sketches and final drawing solutions for assignments 1, 2, 3 and 4 must be included. Assignments to be set and assessed by the teacher using criteria set out in the syllabus. A CXC* appointed Moderator will reassess the assignments.	
	UNIT 2	
	The Design Portfolio must consist of three phases leading to the final design solution, namely. (i) Conceptualization of the project (ii) Design of the project (iii) Work programme (methodology, resources and schedule) There is one assignment in the design portfolio worth 60 marks which will be awarded on the criteria listed below. Project Development Use of CAD software The project report	

	Contents of the portfolioInteractive presentation
(These may be downloaded from the CXC° website: www.cxc.org)	 Guidelines for Submitting School-Based Assessment Record of Marks for School-Based Assessment Moderation of School-Based Assessment School-Based Assessment Feedback to Schools (Completed forms will be sent to schools after results have been issued)
DOCUMENTS/ INFORMATION TO BE SUBMITTED	For each Unit: Record of Marks (via the ORS) Sample of project reports with the completed Moderation of SBA Sample form
DEADLINE FOR RECEIPT AT CXC	May 31 of the examination year: The work of the candidates should be retained at the school for at least 3 months following publication of results.
SELECTION OF SCHOOL- BASED ASSESSMENT SAMPLE	Each centre must submit ONE SBA sample consisting of the work of FIVE candidates. After the candidates' SBA scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system. For each Unit, the e-SBA system will select the sample according to the following procedure: The marks obtained on the projects will be arranged in descending order, highest to lowest. The e-SBA system will identify the candidates with the highest mark the middle (median) mark lowest mark mark midway between the highest and the middle mark mark midway between the lowest and the middle mark. The centre must submit, by the stipulated deadline, ONLY the sample that has been selected by the e-SBA system. Where the number of candidates is less than five, the assignments of ALL candidates must be submitted.

SYLLABUS GUIDELINES	UNIT 1
(refer to Amendments to Syllabus effective May/June 2005 examinations)	 A Portfolio of six assignments Two assignments are set on each Module A complete record of sketches and final drawing solutions should be kept in the portfolio Portfolio assessed by teacher and reassessed by CXC® appointed Moderator Candidates must submit: a complete drawing on A4 paper from a given sketch, or a labelled diskette with the completed drawings and commands; and on a separate sheet, the list of commands used for a given set of tasks. UNIT 2
RESIT PROVISIONS	A complete record of the proposal, pictorial and working drawings, freehand, sketches, specification, calculations and final design solution should be kept in the Design Portfolio. The Design Portfolio will be assessed by the teacher and a sample of the documents will be reassessed by a moderator appointed by CXC. A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting. Candidates are no longer required to earn a moderated score that
	 is at least 50 per cent of the maximum possible score; any moderated score may be reused. Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number. In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

SUBJECT: CARIBBEAN STUDIES {CXC A1/U1/03}

EFFECTIVE FOR EXAMINATIONS: FROM MAY/JUNE 2013

NO. OF UNITS	ONE
WEIGHTING	40 per cent
MODULES	MODULE 1: Caribbean Society and Culture
	MODULE 2: Issues in Caribbean Development
	MODULE 3: Investigating Issues in the Caribbean
TYPE OF ASSIGNMENT	One research project (a report of 1,500 words to be submitted)
DOCUMENTS AVAILABLE	Cover sheet for Research Project
(These may be downloaded	Record of Marks for School-Based Assessment
from the CXC [®] website:	Guidelines for Submitting School-Based Assessment
www.cxc.org)	■ Moderation of School-Based Assessment
	 School-Based Assessment Feedback to Schools (Completed forms will be sent to schools after results have been issued)
DOCUMENTS TO BE	For each Unit:
SUBMITTED	 Record of Marks for School-Based Assessment (via the ORS) Sample of 5 candidates' work with cover sheets attached Completed Moderation of SBA Sample Form
DEADLINE FOR RECEIPT AT	May 24 of the everyination year
СХС	May 31 of the examination year
	The work of the candidates should be retained at the school for at least 3 months following publication of results.

SELECTION OF SCHOOL- BASED ASSESSMENT SAMPLE	Each centre must submit ONE SBA sample consisting of the work of FIVE candidates.
	After the candidates scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system.
	The e-SBA system will select the sample according to the following procedure:
	 The marks obtained on the projects will be arranged in descending order, highest to the lowest. The e-SBA system will select the work of the candidates who gained
	 the highest mark the middle mark the lowest mark
	 the mark midway between the highest mark and the middle mark and the mark midway between the lowest mark and the middle mark.
	The centre MUST submit, by the stipulated deadline, ONLY the sample that has been selected by the e-SBA system.
	Where the number of candidates is five or less, the centre MUST submit the work of ALL the candidates.
SYLLABUS GUIDELINES (pages 33 – 41)	■ The School-Based Assessment is a research project on a topic selected on any area of the themes outlined on pages 24 - 28 of the syllabus. The research project should
	 be 1,500 words. The completed work must be assessed by the teacher in accordance with the Marking Scheme provided in the syllabus. Marks given for each task are to be clearly indicated on the respective submissions.
	 Teachers are required to impose a penalty of 10 per cent of the project score of any candidate whose report exceeds 1,750 words.
RESIT PROVISIONS	 A candidate who rewrites the examination within two years may reuse the moderated SBA score earned in the previous sitting.
	 Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused.
	 Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number.
	■ In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent.

SUBJECT: CHEMISTRY { CXC A11/U2/06}

EFFECTIVE FOR EXAMINATIONS FROM: MAY/JUNE 2009

NO. OF UNITS	TWO
WEIGHTING	20 per cent
MODULES	UNIT 1 – CHEMICAL PRINCIPLES AND APPLICATIONS I:
	MODULE 1: Fundamentals in Chemistry MODULE 2: Kinetics and Equilibria MODULE 3: Chemistry of the Elements UNIT 2 – CHEMICAL PRINCIPLES AND APPLICATIONS II: MODULE 1: The Chemistry of Carbon Compounds
	MODULE 2: Analytical Methods and Separation
	Techniques
	MODULE 3: Industry and the Environment
TYPE OF ASSIGNMENT	For each Unit Laboratory Practical Exercises
DOCUMENTS AVAILABLE	·
DOCOMENTS AVAILABLE	 Record of Marks for School-Based Assessment
(These may be downloaded	 Guidelines for Submitting School-Based Assessment
from the CXC° website: www.cxc.org)	 Moderation of School-Based Assessment Form
www.cxc.org)	 Moderation Feedback Report on School-Based Assessment (Completed forms will be sent to schools after results have been issued)
DOCUMENTS TO BE	For each Unit:
SUBMITTED	 Record of Marks for School-Based Assessment (via the ORS) Sample of laboratory notebooks with the teacher's Criteria for Assessment and Mark Scheme The completed Moderation of SBA Sample form
DEADLINE FOR RECEIPT AT CXC	Online Registration System (ORS) Samples ReportMay 31 of the examination year:
	The work of the candidates should be retained at the school for at least 3 months following publication of results.

SELECTION OF SCHOOL-BASED ASSESSMENT SAMPLE

Each centre must submit **ONE** SBA sample consisting of the work of FIVE candidates.

- After the candidates scores have been entered, the sample of FIVE for the centre will be automatically selected by the e-SBA system.
- For each Unit the system will select the sample according to the following procedure:
- The marks obtained on the projects will be arranged in descending order, highest to the lowest.
- The e-SBA system will identify the candidates with the
 - the highest mark
 - the lowest mark
 - the middle mark
 - the mark midway between the highest and middle mark and
 - the mark midway between the lowest and the middle mark.
- The centre MUST submit, by the stipulated deadline, the work of <u>only</u> those candidates the system has selected.
- Where the number of candidates is five or less, submit the work of ALL the candidates.

SYLLABUS GUIDELINES (pages 54 – 56)

UNIT 1 AND UNIT 2

- Candidates are expected to do at least 16 practical laboratory exercises for each Unit.
- Each candidate is required to keep a laboratory workbook containing ALL practical work done (no loose pages are accepted).
- Exercises used for School-Based Assessment should be CLEARLY identified, by placing the skill tested and the mark assigned, next to the relevant exercise.
- Teachers set their own Laboratory exercises and devise their own Marking Schemes.
- Detailed Marking Schemes for work assessed for submission and the criteria for assessment MUST be submitted along with the Laboratory books.
- Skills should be graded according to a 13-point scale, 0
 12.

RESIT PROVISIONS	 A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting. Candidates are no longer required to earn a moderated score, that is, at least 50 per cent of the maximum possible score; any moderated score may be reused. Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number. In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

SUBJECT: COMMUNICATION STUDIES { CXC A2/U1/03}

EFFECTIVE FOR EXAMINATIONS FROM: MAY/JUNE 2011

NO. OF UNITS	ONE
WEIGHTING	20 per cent
MODULES	MODULE 1: Gathering and Processing Information MODULE 2: Language and Community MODULE 3: Speaking and Writing
TYPE OF ASSIGNMENT	Portfolio
DOCUMENTS AVAILABLE	■ Record of Marks for School-Based Assessment
(These may be downloaded	■ Cover Sheet for Portfolio
from the CXC [®] website:	■ Guidelines for Submitting School-Based Assessment
www.cxc.org)	 Guidelines for conducting the School-Based Assessment (Exposition) in Communication Studies
	■ Moderation of School-Based Assessment
	 School-Based Assessment Feedback to School (completed forms will be sent to schools after results have been issued)
DOCUMENTS/ INFORMATION TO BE SUBMITTED	 Record of Marks for School-Based Assessment (via the ORS)
JOBIVITTED	The portfolios with cover sheets attached of a sample of 5 candidates.
	■ The completed Moderation of SBA Sample Form
DEADLINE FOR RECEIPT AT	May 31 of the examination year:
CAC	The work of the candidates should be retained at the school for at least 3 months following publication of results.

SELECTION OF SCHOOL-BASED ASSESSMENT SAMPLE

Each centre must submit **ONE** SBA sample consisting of the work of FIVE candidates.

- After the candidates' SBA scores have been entered, the sample of FIVE for the centre will be automatically selected by the e-SBA system.
- The system will select the sample according to the following procedure:
- The marks obtained on the projects will be arranged in descending order, highest to the lowest.
- The e-SBA system will select the candidates with the
 - highest mark
 - middle mark
 - lowest mark
 - mark midway between the highest mark and the middle mark
 - mark midway between the lowest mark and the middle mark.
- The centre MUST submit, by the stipulated deadline, ONLY the sample that has been selected by the e-SBA system.
- Where the number of candidates is five or less, the assignments of ALL candidates must be submitted.

Each portfolio in the sample must be clearly identified by:

- the candidate's registration number
- the title of the portfolio
- the school code and name

SYLLABUS GUIDELINES (pages 29 - 35)

- Each candidate will compile a portfolio on a theme approved by the teacher.
- The General Introduction should be no more than 200 words and should relate to the other three sections.
- The Exposition section will be orally presented by the candidate and should not be of more than 10 minutes duration.
- In the Reflection section, the candidate will produce one sample of original work that should cover one literary genre. This piece of work will be written and should not exceed 1000 words, inclusive of a preface of no more than 200 words.
- Candidates must analyze the sample presented under the Reflection section. The Analysis should not exceed 350 words and should address any TWO of the following: registers, dialectal variation, attitudes to language and communicative behaviours.

RESIT PROVISIONS

- A candidate who rewrites the examination within two years may reuse the moderated SBA score earned in the previous sitting.
- Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused.
- Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number.
- In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent.

SUBJECT: COMPUTER SCIENCE {A19/U2/03}

EFFECTIVE FOR EXAMINATIONS FROM: MAY/JUNE 2009

NO OF UNITS	TWO
NO. OF UNITS	TWO
WEIGHTING	20 per cent
	UNIT 1: FUNDAMENTALS OF COMPUTER SCIENCE
MODULES	MODULE 1: Computer Architecture and Organization
WIODOLLS	MODULE 2: Problem-Solving with Computers
	MODULE 3: Programming
	WODOLL 3. Frogramming
	UNIT 2: FURTHER TOPICS IN COMPUTER SCIENCE
	MODULE 1: Data Structures
	MODULE 2: Software Engineering
	MODULE 3: Operating Systems and Computer Networks
TYPE OF ASSIGNMENT	For each Unit:
	Unit 1: A well documented working solution to a problem, implemented in
	C. (A report defining the problem, showing the structured algorithm and
	test plan must also be submitted)
	Heli 2 A collision model and the selection of the collision of the collisi
	Unit 2: A well documented working solution to a problem, using an
	appropriate software tool. (A report defining the problem, outlining the analysis and incorporating relevant diagrams showing the structured
	algorithm and test plan must also be submitted)
	algorithm and test plan must also be submitted)
DOCUMENTS	
AVAILABLE	 Guidelines for Submitting School-Based Assessment
71071127122	Record or Marks for School-Based Assessment
(These may be	Moderation of School-Based Assessment
downloaded from the	■ School-Based Assessment Feedback to Schools (Completed forms will
CXC [®] website:	be sent to schools after results have been issued)
www.cxc.org)	, in the second of the second
DOCUMENTS/	For each Unit:
INFORMATION TO BE	
SUBMITTED	 Record of Marks for School-Based Assessment (via the ORS)
	 Sample of project reports with the completed Moderation of IA Sample
	form
	May 31 of the examination year
DEADLINE FOR RECEIPT AT CXC	The work of the candidates should be retained at the school for at least 3 months following publication of results.

SELECTION OF SCHOOL-BASED ASSESSMENT SAMPLE

Each centre must submit **ONE** SBA sample consisting of the work of FIVE candidates.

- After the candidates' scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system.
- For each Unit the system will select the sample according to the following procedure:
- The marks obtained on the projects will be arranged in descending order, highest to lowest.
- The e-SBA system will identify the candidates with the:
 - highest mark
 - middle (median) mark
 - lowest mark
 - mark midway between the highest and the middle mark.
 - mark midway between the lowest and the middle mark.
- The centre MUST submit, by the stipulated deadline, ONLY the sample that has been selected by the e-SBA system.
- Where the number of candidates is 5 or less, the assignments of ALL candidates must be submitted.

SYLLABUS GUIDELINES

UNIT 1:

See Amendment to syllabus effective May/June 2005 examinations.

- Candidates are expected to identify a problem for which a software solution is appropriate and create algorithms. They should represent their algorithms using narrative format and either flowcharts or pseudocode.
- A project report of 1,500 2,000 words must be submitted excluding diagrams, graphs, tables and bibliographies.
- Teachers are to mark the projects using the Mark Scheme provided in the syllabus.
- Teachers are required to impose a penalty of 10 per cent of the project score of any candidate whose project report exceeds 2,200 words.

UNIT 2:

- Each candidate is expected to choose a problem for which a software solution exists and then develop the software using software engineering techniques. In particular, the candidate is expected to demonstrate appropriate choice of the tools and techniques used in the analysis of the software to be developed. A report of 1,800 − 2,000 words is expected. This report should cover specifications of requirements, decision specifications and coding and testing.
- Teachers are to mark the projects using the Mark Scheme provided in the syllabus.
- Teachers are required to impose a penalty of 10 per cent of the project score of any candidate whose project report exceeds 2,200 words.

RESIT PROVISIONS

- A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting.
- Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused.
- Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number.
- In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

SUBJECT: DIGITAL MEDIA { CXC 33/U2/13}

NUMBER OF UNITS	TWO
WEIGHTING	60 per cent
MODULES	UNIT 1: DIGITAL MEDIA FUNDAMENTALS
	MODULE 1: Understanding Digital Media MODULE 2: Digital Media Ecosystem MODULE 3: Creative Solution Design UNIT 2: APPLIED DIGITAL MEDIA MODULE 1: Visual and Interactive Design
	MODULE 2: Web and Digital Publishing MODULE 3: Mobile App Development
TYPE OF ASSIGNMENT	UNIT 1: Students will be required to prepare a proposal based on an identified digital problem or idea and use it to create a digital solution to the problem. This will require the Maintenance of a portfolio on the series of tasks performed leading to the final solution.
	UNIT 2 : Students will be required to execute a series of practical digital tasks leading to the production of tangible digital products. A portfolio of the roadmap leading to the outcome should be kept by the student.
DOCUMENTS AVAILABLE (These may be downloaded from the CXC° website: www.cxc.org)	 Record of Marks for School Based Assessment Guidelines for Submitting School Based Assessment Sample Moderation of School-Based Assessment Moderation Feedback Report on School-Based Assessment (Completed forms will be sent to schools after results have been issued).

DOCUMATRITS /	
DOCUMENTS/ INFORMATION TO BE SUBMITTED	For each Unit:
SODIVITTED	Record of Marks for School-Based Assessment (via the ORS)
	■ Samples of Project Portfolio
	SBA Moderation Form
DEADLINE FOR RECEIPT AT	May 31 of the examination year
CXC	The work of the candidates should be retained at the school for at least 3 months following publication of results.
SELECTION OF SCHOOL-	Unit 1
BASED ASSESSMENT	
SAMPLE	SBA to be submitted electronically to the CXC cloud platform. Submission should include one text file and one video file (pitch).
	The centre must retain access to the candidate's electronic portfolio and must be made available to CXC upon request.
	<u>Unit 2</u>
	Online/Onsite Moderation
	Candidates are expected to grant CXC access to their electronic portfolio which must include final product or access to the final product (in the case of website and/or mobile apps).
SYLLABUS GUIDELINES (pages 39 - 50)	For each unit, a proposal/project report of 1,000 – 1,500 words is required. Teachers are required to impose a penalty of 10 per cent of the score achieved by any candidate whose proposal/project report exceeds 1,650 words.
	The guidelines for presenting the portfolio are as follows:
	The candidate should utilize digital submission when delivering milestones to teachers. This will be uploaded onto a cloud created at the school level. It is from this cloud that five candidates' work will be digitally selected and submitted to CXC directed site.
	The assessment of student progress MUST be conducted by the classroom teacher. The Assessment criteria contained in the syllabus are intended to assist teachers in awarding marks that are reliable assessments of the achievement of candidates on each practical performance.

RESIT PROVISIONS A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting. Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused. Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number. In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

SUBJECT: ECONOMICS { CXC A20/U2/09}

NO. OF UNITS	TWO
	TWO
WEIGHTING	20 per cent
MODULES	UNIT 1: MICROECONOMICS
	MODULE 1: Methodology: Demand and Supply MODULE 2: Market Structure, Market Failure and Intervention MODULE 3: Distribution Theory UNIT 2: MACROECONOMICS
	MODULE 1: Models of Macroeconomy MODULE 2: Macroeconomic Problems and Policies MODULE 3: Growth, Sustainable Development and Global Relations
TYPE OF ASSIGNMENT	One research project of between 2,000 – 2,500 words
DOCUMENTS AVAILABLE	For each Unit:
(These may be downloaded from the CXC° website: www.cxc.org)	 Record of Marks for School-Based Assessment Moderation of School-Based Assessment Guidelines for Submitting School-Based Assessment School Based Assessment Feedback to Schools (completed forms will be sent to schools after results have been issued)
DOCUMENTS/ INFORMATION TO BE SUBMITTED	For each Unit Record of Marks (via the ORS) School-Based Assessment samples with the completed Moderation of SBA Sample form
DEADLINE FOR RECEIPT AT CXC	May 31 of the examination year. The work of the candidates should be retained at the school for at least 3 months following publication of results.

SELECTION OF SCHOOL-Each centre must submit ONE SBA sample consisting of the work of FIVE candidates. BASED ASSESSMENT SAMPLE After the candidates' SBA scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system. For each Unit the e-SBA system will select the sample according to the following procedure: The marks obtained on the projects will be arranged in descending order, highest to lowest. The e-SBA system will identify the candidates with the - highest mark - middle (median) mark - lowest mark - mark midway between the highest and the middle mark - mark midway between the lowest and the middle mark. The centre MUST submit, by the stipulated deadline, ONLY the sample that has been selected by the e-SBA system. Where the number of candidates is less than five, the projects of ALL candidates must be submitted. **SYLLABUS GUIDELINES** The School-Based Assessment for each Unit will comprise (pages 41 - 48) one project testing one or more modules. Projects are to be assessed by the teacher using the mark scheme provided by CXC°. Projects should be of 2,000-2,500 words. Teachers are required to impose a penalty of 10 per cent of the project score of any candidate whose project report exceeds 2,750 words. Teachers should guide candidates in choosing appropriate projects that relate to candidates' interests and the specific objectives. A schedule of dates for submitting projects, agreed by teachers and candidates should be firmly established. Projects should be presented in soft folder bearing the candidate's number, title of the project and the date submitted.

Projects should include graphics, charts and tables.

RESIT PROVISIONS

- A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting.
- Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused.
- Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number.
- In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

PROVISION TO CARRY FORWARD SCHOOL-BASED-ASSESSMENT MARKS

Candidates may opt to complete a School-Based Assessment (SBA) for each Unit written or may opt to reuse another SBA score which satisfies any of the conditions listed at (i) to (vii) below:

- (i) The SBA component in Unit 1 and Unit 2 examines skills and attitudes which are cognitively similar across the two Units of the subject.
- (ii) Candidates who enter Unit 1 or Unit 2 in different sittings may reuse a moderated SBA score obtained in a previous sitting of either Unit within a two-year period (two different sittings) immediately following the first examination.
- (iii) The SBA score may be reused in either Unit, or in both Units, irrespective of the Unit in which it was first obtained.
- (iv) Candidates reusing SBA scores in this way must register as 'Resit' in the Unit that the SBA was originally completed and as 'Transfer' in the other Unit in which the SBA is being transferred.
- (v) Candidates who, in the same year, register for both Units may opt to submit a single SBA for both Units; or submit separate SBA assignments for each Unit.
- (vi) Candidates who are doing two Units at the same sitting must register as 'SBA' in the first Unit and 'Transfer in the second Unit or vice versa.
- (vii) If a candidate is repeating a Unit he/she may use the same moderated SBA score obtained for that Unit for both Units that are being taken at the same time.

SUBJECT: <u>ELECTRICAL AND ELECTRONIC TECHNOLOGY {A12/U2/05}</u>

NO. OF UNITS	TWO
WEIGHTING	20 per cent
MODULES	UNIT 1 MODULE 1: DC Circuit Theory
	MODULE 2: Analogue Electronics and Communications MODULE 3: Introduction to Power Systems UNIT 2
	MODULE 1: AC Circuit Theory MODULE 2: Digital Electronics and Data Communications MODULE 3: Introduction to AC Machines
TYPE OF ASSIGNMENT	For each Unit: THREE Practical projects, each centred on a specific Module.
DOCUMENTS AVAILABLE	 Guidelines for submitting School-Based Assessment Record of Marks for School-Based Assessment
(These may be downloaded from the CXC° website: www.cxc.org)	 Moderation of School-Based Assessment School-Based Assessment Feedback to schools (Completed forms will be sent to schools after results have been issued)
DOCUMENTS/ INFORMATION TO BE SUBMITTED	For each Unit: Record of Marks for School-Based Assessment (via the ORS) Sample of Project Reports with the completed Moderation of SBA Sample form
DEADLINE FOR RECEIPT AT CXC	May 31 of the examination year The work of the candidates should be retained at the school for at least 3 months following publication of results.

SELECTION OF SCHOOL-BASED ASSESSMENT SAMPLE

Each centre must submit **ONE** SBA sample consisting of the work of FIVE candidates.

- After the candidates' SBA scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system.
- For each Unit, the e-SBA system will select the sample according to the following procedure:
- The marks obtained on the projects will be arranged in descending order, highest to the lowest.
- The e-SBA system will identify the candidate with the
 - highest mark
 - middle (median) mark
 - lowest mark
 - mark midway between the highest and the middle mark
 - mark midway between the lowest and the middle mark.
- The centre MUST submit, by the stipulated deadline, the work of only those candidates the system has selected.
- Where the number of candidates is less than five, the assignments of ALL candidates must be submitted.

SYLLABUS GUIDELINES

(Refer to Amendments to Syllabus effective May/June 2005 examination)

- Each candidate is required to produce THREE physical circuits of some utility value and to demonstrate the practical, experimental and investigative skills developed during the course. EACH project to be completed will be centred on a specified Module but should encompass knowledge, topics, concepts, skills and procedures contained in ALL Modules.
- For EACH project, EACH candidate must prepare a written report to include: specification of the function of the project; reason for the choice of design; the list of components used; construction of the circuit; testing and if necessary, the modification and table(s) of results; and evaluation of the project.
- The project document should comprise: Title; table of contents; aims and objectives; methodology employed and the report.
- Teachers should advise and guide candidates in the completion of the project.
- Assignments are to be marked in accordance with the Marking Scheme provided by CXC[®]

RESIT PROVISIONS

- A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting.
- Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused.
- Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number.
- In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

SUBJECT: <u>ENTREPRENEURSHIP {A31/U2/13}</u>

NO OF UNITS	TWO
NO. OF UNITS	TWO
WEIGHTING	60 per cent
MODULES	Unit 1: Entrepreneurship Theory Module 1 - The Entrepreneurial Mindset Module 2 - The Entrepreneurial Process Module 3 - Creativity and Innovation Unit 2: Entrepreneurship Practice Module 1 - Essentials of Business Ownership Module 2 - New Venture Planning and Creation Module 3 - Managing and Growing the Venture Grades will be awarded independently for each Unit.
TYPE OF ASSIGNMENT	UNIT 1: Students must interview an entrepreneur and produce a 1,500 written report and an oral presentation. UNIT 2: The SBA consists of two parts: A - Market Research and B - Business Model
DOCUMENTS AVAILABLE (These may be downloaded from the CXC® website: www.cxc.org)	 Guidelines for Submitting School-Based Assessment Record of Marks for School-Based Assessment Moderation of School-Based Assessment School-Based Assessment Feedback to Schools (Completed forms will be sent to schools after results are issued)
DOCUMENTS TO BE SUBMITTED (Copies of the Teachers', Mark schemes and Solutions must be submitted with the samples for moderation)	 UNIT 1: Record of marks (via the ORS) School-Based Assessment sample projects (Case Study Report) with the completed SBA Record Sheets Teacher's mark scheme UNIT 2: Record of marks (via the ORS) School-Based Assessment sample projects (Market Research and Business Model) with the completed SBA Record Sheets Teacher's mark scheme
DEADLINE FOR RECEIPT AT CXC	May 31 of the examination year The work of the candidates should be retained at the school for at least 3 months following publication of results.

SELECTION OF SCHOOL-BASED -ASSESSMENT SAMPLE

Each centre must submit **ONE** SBA sample consisting of the work of FIVE candidates.

- After the candidates' SBA scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system
- For each Unit the e-SBA system will select the sample according to the following procedure:
- The marks obtained on the projects and tests will be arranged in descending order, highest to lowest
- The e-SBA system will select the candidates with the
 - highest mark
 - middle (median) mark
 - lowest mark
 - mark midway between the highest and middle mark.
 - mark midway between the lowest and the middle mark
- The centre MUST submit, by the stipulated deadlines, ONLY the sample that has been selected by the e-SBA system
- Where the number of candidates is less than five, the work of ALL candidates must be submitted.

SYLLABUS GUIDELINES (pages 35 – 52)

Candidates must complete the SBA for each unit that they write. Grades will be awarded independently for each Unit.

UNIT 1:

ASSIGNMENT 1

- Candidates are required to conduct an intensive interview with an entrepreneur in their locality/community and write a comprehensive report.
- The interview will cover all three modules in the Unit The Entrepreneurial Mindset, The Entrepreneurial Process, and Creativity and Innovation as they relate to the particular entrepreneur in a given industry.
- Candidates must conduct their interviews in the prescribed industries in accordance with the guidelines on page 41.
- Industries will be identified and prescribed per year (see Page 51).
- The interview may be conducted and submitted in groups of two. The group may present the findings of the interview but each candidate is required to play a role in the class presentation.
- The length of the report should not exceed 1,500 words, not including bibliography, charts, graphs, tables, pictures, references and appendices.

	 UNIT 2: A. MARKET RESEARCH As a group of entrepreneurs, students are required to conduct a market research on a proposed product/service. The research should consist of both primary and secondary data relevant to the product or service. Details of requirements for presentation of the research are shown on page 45 of the syllabus. B. Business Model Student will develop an innovative venture idea, translate the idea into a well-conceptualised business concept, and then build a business model around it. The business model must demonstrate the basic market and economic feasibility of the proposed venture idea. Detailed requirements for the presentation of the Business Model are featured on page 47 of the syllabus.
RESIT PROVISIONS	 Resit candidates may opt to complete a School-Based Assessment for each Unit written or may opt to reuse another SBA score which satisfies any of the conditions listed below. A candidate who re-writes the examination may reuse the moderated SBA score for the Unit earned in the previous sitting within the preceding two years. Candidates re-using SBA scores in this way must register as 'Resit candidates' and must provide the previous candidate number.

SUBJECT: ENVIRONMENTAL SCIENCE { CXC A25/U2/04}

NO OF UNITS	TWO
WEIGHTING	30 per cent
WEIGHTING	30 per cent
MODULES	UNIT 1: ECOLOGY, HUMAN POPULATION AND NATURAL RESOURCE USE
	MODULE 1: Fundamental Ecological Principles MODULE 2: Human Population and the Environment MODULE 3: Sustainable Use of Natural Resources
	UNIT 2: AGRICULTURE, ENERGY AND ENVIRONMENTAL POLLUTION
	MODULE 1: Agriculture and the Environment MODULE 2: Energy and the Environment MODULE 3: Pollution of the Environment
TYPE OF ASSIGNMENT	Unit 1: Series of site-visits and laboratory exercises (one Journal with the reports of site-visits and laboratory exercises to be submitted)
	Unit 2: Series of site-visits and laboratory exercises (one Journal with the reports of site-visits and laboratory exercises to be submitted)
DOCUMENTS AVAILABLE	
(These may be downloaded from the CXC° website: www.cxc.org)	 Record of Marks for School-Based Assessment Guidelines for Submitting School-Based Assessment Moderation of School-Based Assessment Cover Page for Journal (Unit 1 and Unit II) School-Based Assessment Feedback Report (Completed forms will be sent to schools after results have been issued)
DOCUMENTS/ INFORMATION TO BE SUBMITTED	 For each Unit: School-Based Assessment Record of Marks (via the ORS) The completed Moderation of SBA Sample Form Sample Assignments (Journal with cover sheet attached for Unit 1 and Unit 2.
DEADLINE FOR RECEIPT AT CXC	May 31 of the examination year. The work of the candidates should be retained at the school for at least 3 months following publication of results.

SELECTION OF SCHOOL-BASED ASSESSMENT SAMPLE

Each centre must submit **ONE** SBA sample consisting of the work of FIVE candidates.

- After the candidates' SBA scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system.
- For each Unit, the e-SBA system will select the sample according to the following procedure:
- The marks obtained by each candidate will be arranged in order of performance, from the highest to the lowest mark.
- The e-SBA system will identify the candidates with the
 - highest mark
 - middle (median) mark
 - lowest mark
 - mark midway between the highest and the middle mark
 - mark midway between the lowest and the middle mark.
- The centre MUST submit, by the stipulated deadline, the work of only those candidates the system has selected.
- Where the number of candidates is less than five, the assignments of ALL candidates must be submitted.

SYLLABUS GUIDELINES	UNIT 1 and UNIT 2:
Refer to the new syllabus in Environmental Science. Effective for examinations from May-June 2011	 The Journals incorporate reports for a series of sitevisits and laboratory exercises associated with these site-visits. Candidates are expected to demonstrate the practical skills indicated on page 3 of the 2011 syllabus in Environmental Science. The Journals are to be marked in accordance with the Mark Scheme on pages 52 - 56 of the 2011 Syllabus in Environmental Science.
	Candidates are expected to conduct and write a report on: a minimum of four site-visits. a minimum of four laboratory exercises.
	For each Unit, the assignment should focus on at least one objective from any Module in the Unit.
	Topics may be drawn from, but not limited to, the objectives identified with an asterisk (*) in the syllabus.
RESIT PROVISIONS	 A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting. Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused. Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number. In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

SUBJECT: FOOD AND NUTRITION { CXC/A26/U2/04}

NO. OF UNITS	TWO
WEIGHTING	30 per cent
MODULES	UNIT 1: FOOD, NUTRITION AND HEALTH
	MODULE 1: Principles of Nutrition and Health MODULE 2: Food Selection and Meal Planning MODULE 3: Food Preparation and Service: Principles and Methods
	UNIT 2: FOOD TECHNOLOGY
	MODULE 1: Caribbean Foodways and Food Systems MODULE 2: Food Science and Technology MODULE 3: Food Preparation and Service: Large Quantity and Commercial
TYPE OF ASSIGNMENT	For each Unit:
	Portfolio comprising two assignments: ASSIGNMENT 1: Research ASSIGNMENT 2: Product Development
DOCUMENTS AVAILABLE	ASSIGNMENT 2: Product Development
(These may be downloaded from the CXC® website: www.cxc.org)	 Guidelines for Submitting School-Based Assessment Record of Marks for School-Based Assessment Moderation of School-Based Assessment School-Based Assessment Feedback to Schools (Completed forms will be sent to schools after results have been issued)
DOCUMENTS/ INFORMATION TO BE SUBMITTED DEADLINE FOR RECEIPT AT CXC	 Record of Marks for School-Based Assessment (via the ORS) Sample of project reports with the completed Moderation of SBA Sample form May 31 of the examination year
	The work of the candidates should be retained at the school for at least 3 months following publication of results.

SELECTION OF SCHOOL- BASED ASSESSMENT SAMPLE	Each centre must submit ONE SBA sample consisting of the work of FIVE candidates.
	After the candidates' SBA scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system.
	For each Unit the e-SBA system will select the sample according to the following procedure:
	The marks obtained on the portfolios will be arranged in descending order, highest to the lowest mark.
	 The e-SBA system will identify the candidate with the highest mark lowest mark middle mark
	 mark midway between the highest and middle mark mark midway between the lowest and the middle mark.
	The centre MUST submit, by the stipulated deadline, the work of only those candidates the system has selected.
	Where the number of candidates is less than five, the assignments of ALL candidates must be submitted.
	A candidate's portfolio comprises TWO pieces of work. Hence a portfolio of TWO pieces of work must be submitted for EACH of the FIVE candidates selected.
SYLLABUS GUIDELINES	Candidates in consultation with the teacher, must select
(pages 35 – 42)	objectives from any Module(s) and undertake two activities which will comprise their portfolio.
	The portfolio should consist of two assignments: one
	research activity and one product development. Assignments may be drawn from, but not limited to, the
	objectives in the three Modules.
	 Teachers are to assess the portfolios using the marking scheme provided in the syllabus.
RESIT PROVISIONS	 A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting.
	Candidates are no longer required to earn a moderated
	score that is at least 50 per cent of the maximum possible
	score; any moderated score may be reused. Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate
	number. In order to assist candidates in making decisions about
	whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.
	- F

SUBJECT: FRENCH {CXC A13/U2/12}

NO. OF UNITS	TWO
WEIGHTING	20 per cent
MODULES	UNIT 1: LA FAMILLE, LA SOCIÉTÉ ET L'ENVIRONNEMENT
	MODULE 1: L'individu, la famille et la vie journalière MODULE 2: La société et les affaires sociales MODULE 3: L'environnement UNIT 2: L'ACTUALITÉ, LA TECHNOLOGIE ET L'ÉCONOMIE
	MODULE 1: L'actualité MODULE 2: La science et la technologie MODULE 3: L'industrie et l'économie
TYPE OF ASSIGNMENT	Each Unit: Oral Examination
DOCUMENTS AVAILABLE (These may be downloaded from the CXC® website: www.cxc.org)	For each Unit: Instructions for the Administration of the School-Based Assessment Guidelines for Conducting the School-Based Assessment Record of Marks for School-Based Assessment Moderation of School-Based Assessment Guidelines for submitting School-Based Assessment School-Based Assessment Feedback to Schools (Completed forms will be sent to schools after results have been issued)
DOCUMENTS/ INFORMATION TO BE SUBMITTED DEADLINE FOR RECEIPT AT CXC	For each Unit: Record of Marks for School-Based Assessment (via the ORS) Sample of the taped oral examination of 5 candidates selected Completed Moderation of SBA Sample Form — Oral Examination May 31 of the examination year The work of the candidates should be retained at the school

SELECTION OF SCHOOL- BASED ASSESSMENT SAMPLE	Each centre must submit ONE SBA sample consisting of the work of FIVE candidates.
	After the candidates' SBA scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system.
	For each Unit, the e-SBA system will select the sample according to the following procedure:
	The marks obtained on the oral examination will be arranged in descending order, highest to the lowest.
	 The e-SBA system will identify the candidates with the highest mark middle mark lowest mark
	 mark midway between the highest mark and the middle mark mark midway between the lowest mark and the middle mark.
	The centre MUST submit, by the stipulated deadlines, ONLY the sample that has been selected by the e-SBA system.
	Where the number of candidates is less than five, the assignments of ALL candidates must be submitted.
SYLLABUS GUIDELINES	For each Unit:
(pages 22-32)	The Oral Examination:
	 Guided by the teacher, each candidate is required to prepare a topic of his or her choice based on Modules 1, 2 or 3. The candidate is allowed to have a cue card with no more
	 than five headings for the examination which is conducted by the classroom teacher. The format of the examination is as follows: the prepared topic, topic conversation and general conversation. The examinations are to be taped for submission to CXC.

RESIT PROVISIONS A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting. Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused. Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number. In order to assist candidates in making decisions about whether or not to re-use a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

SUBJECT: GEOGRAPHY { CXC A21/U2/09}

NO. OF UNITS	TWO
WEIGHTING	20 per cent
MODULES	UNIT 1: POPULATION GEOGRAPHY, GEOMORPHIC PROCESSES AND HAZARDS
	MODULE 1: Population and Settlement MODULE 2: Hydrological, Fluvial, Coastal and Limestone Environments MODULE 3: Natural Events and Hazards UNIT 2: CLIMATE, ECONOMIC ACTIVITY AND DEVELOPMENT
	MODULE 1: Climate, Vegetation and Soils MODULE 2: Economic Activity MODULE 3: Development and Disparities in Development
TYPE OF ASSIGNMENT	For each Unit: A research project (a report of 2,000 – 2,250 words to be submitted)
DOCUMENTS AVAILABLE (These may be downloaded from the CXC* website: www.cxc.org)	 Record of Marks Moderation of School-Based Assessment Cover Page for the Project Guidelines for Submitting School-Based Assessment Moderation Feedback Report on School-Based Assessment (Completed forms will be sent to schools after results have been issued)
DOCUMENTS/ INFORMATION TO BE SUBMITTED	For each Unit: Record of Marks (via the ORS) Sample projects with the cover page attached The completed Moderation of SBA Sample Form Online Registration System (ORS) Samples Report
DEADLINE FOR RECEIPT AT CXC	May 31 of the examination year: The work of the candidates should be retained at the school for at least 3 months following publication of results.

of FIVE candidates. After the candidates' SBA electronically, the sample automatically selected by For each Unit, the e-SB according to the following ■ The marks obtained on the descending order, highest to ■ The e-SBA system will identicate to highest mark □ lowest mark □ middle mark □ mark midway bet mark	SBA sample consisting of the work
After the candidates' SBA electronically, the sample automatically selected by For each Unit, the e-SB according to the following The marks obtained on the descending order, highest to The e-SBA system will identicate to highest mark highest mark lowest mark mark middle mark mark midway bet mark mark midway bet mark mark midway bet	
according to the following The marks obtained on the descending order, highest to the e-SBA system will identicate and the highest mark are lowest mark are mark midway beto mark midway beto mark midway beto mark are mark midway beto midway	for the centre will be
descending order, highest to The e-SBA system will identy highest mark lowest mark middle mark mark mark mark mark mark	BA system will select the sample g procedure:
- highest mark - lowest mark - middle mark - mark midway bet mark - mark midway bet	project reports will be arranged in to the lowest.
- mark midway bet mark - mark midway bet	tify the candidates with the
mark - mark midway be	
-	tween the highest and the middle
	tween the lowest and the middle
	by the stipulated deadline, ONLY selected by the e-SBA system.
Where the number of assignments of ALL candid	candidates is less than five, the dates must be submitted.
SYLLABUS GUIDELINES: • A project involving at least of the Syllabus.	one of the skills listed on page 37
	from the practical work listed in
·	mpose a penalty of 10 per cent of
the project score of any 2,500 words.	candidate whose report exceeds
■ Project reports are to be	marked in accordance with the Marking on pages 39 – 42 of the
RESIT PROVISIONS • A candidate who rewrites	the examination in the same Unit e the moderated SBA score earned
_	equired to earn a moderated score to the maximum possible score;
 Candidates reusing SBA so 'Resit candidates' and 	cores in this way must register as provide the previous candidate
whether or not to reuse a	dates in making decisions about moderated SBA score, the Council ip if a candidate's moderated SBA

PROVISION TO CARRY FORWARD SCHOOL-BASED ASSESSMENT MARKS

Candidates may opt to complete a School-Based Assessment (SBA) for each Unit written or may opt to re-use another SBA score which satisfies any of the conditions listed as (i) to (vii) below:

- (i) The SBA component in Unit 1 and Unit 2 examines skills and attitudes which are cognitively similar across the two Units of the subject.
- (ii) Candidates who enter Unit 1 or Unit 2 in different sittings may re-use a moderated SBA score obtained in a previous sitting of either Unit within a two-year period (two different sittings) immediately following the first examination.
- (iii) The SBA score may be reused in either Unit, or in both Units, irrespective of the Unit in which it was first obtained.
- (iv) Candidates reusing SBA scores in this way must register as 'Resit' in the Unit that the SBA was originally completed and as 'Transfer' in the other Unit in which the SBA is being transferred.
- (v) Candidates who, in the same year, register for both Units may opt to submit a single SBA for both Units; or submit separate SBA assignments for each Unit.
- (vi) Candidates who are doing two Units at the same sitting must register as 'SBA' in the first Unit and 'Transfer in the second Unit or vice versa.

If a candidate is repeating a Unit he/she may use the same moderated SBA score obtained for that Unit for both Units that are being taken at the same time.

SUBJECT: HISTORY { CXC A4/U2/04}

NO. OF UNITS	TWO
WEIGHTING	20 per cent
WEIGHTING	·
MODULES	UNIT 1: THE CARIBBEAN IN THE ATLANTIC WORLD
	MODULE 1: Indigenous Societies MODULE 2: Slave Systems: Character and Dismantlement MODULE 3: Freedom in Action
	UNIT 2: THE ATLANTIC WORLD AND GLOBAL TRANSFORMATIONS
	MODULE 1: Atlantic World: Interactions MODULE 2: Atlantic Development: Identity and Industry MODULE 3: International Relations: Conflict and Liberation
TYPE OF ASSIGNMENT	For each Unit:
	One research project (a report of 1,500 - 2,000 words to be submitted)
DOCUMENTS AVAILABLE	
(These may be downloaded from the CXC° website: www.cxc.org)	 Guidelines for Submitting School-Based Assessment Cover sheet for Research Paper Record of Marks for School-Based Assessment Moderation of School-Based Assessment School-Based Assessment Feedback to Schools (completed forms will be sent to schools after results have been issued)
DOCUMENTS/ INFORMATION TO BE SUBMITTED	 Record of Marks for School-Based Assessment (via the ORS) Sample of project reports with the cover sheet and the completed Moderation of SBA Sample form
DEADLINE FOR RECEIPT AT CXC	May 31 of the examination year The work of the candidates should be retained at the school for at least 3 months following publication of results.

SELECTION OF SCHOOL- BASED ASSESSMENT SAMPLE	Each centre must submit ONE SBA sample consisting of the work of FIVE candidates.
JAIVIFEE	After the candidates' SBA scores have been entered electronically, the sample for the centre will be automatically selected by the e-IA system.
	For each Unit the e-SBA system will select the sample according to the following procedure:
	The marks obtained on the research papers will be arranged in descending order, highest to lowest.
	 The e-SBA system will select the candidates with the highest mark lowest mark middle mark
	 mark midway between the highest and middle mark and mark midway between the lowest and the middle mark.
	The centre must submit, by the stipulated deadline, ONLY the sample that has been selected by the e-SBA system.
	Where the number of candidates is less than five, the research papers of ALL candidates must be submitted.
SYLLABUS GUIDELINES	Candidates are expected to select the topic of their research paper and develop their research proposal with
(pages 21 – 27)	guidance from the teacher. Research proposals must be approved by the teacher before the research is undertaken.
	 Research papers may be a combination of writing and presentations using other media such as video or audio recordings.
	 Research papers should be of 1500 – 2000 words, excluding tables, direct quotation, footnotes, references and appendices.
	 Teachers are required to impose a penalty of 10per cent of the research paper score of any candidate whose research paper exceeds 2,200 words.
	Research papers are to be assessed by the teacher using the criteria provided in the syllabus.
RESIT PROVISIONS	 A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting.
	 Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused.
	 Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number.
	 In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the

PROVISION TO CARRY FORWARD SCHOOL-BASED ASSESSMENT MARKS

Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

Candidates may opt to complete a School-Based Assessment (SBA) for each Unit written or may opt to reuse another SBA score which satisfies any of the conditions listed as (i) to (vii) below:

- (i) The SBA component in Unit 1 and Unit 2 examines skills and attitudes which are cognitively similar across the two Units of the subject.
- (ii) Candidates who enter Unit 1 or Unit 2 in different sittings may re-use a moderated SBA score obtained in a previous sitting of either Unit within a two-year period (two different sittings) immediately following the first examination.
- (iii) The SBA score may be reused in either Unit, or in both Units, irrespective of the Unit in which it was first obtained.
- (iv) Candidates reusing SBA scores in this way must register as 'Resit' in the Unit that the SBA was originally completed and as 'Transfer' in the other Unit in which the SBA is being transferred.
- (v) Candidates who, in the same year, register for both Units may opt to submit a single SBA for both Units; or submit separate SBA assignments for each Unit.
- (vi) Candidates who are doing two Units at the same sitting must register as 'SBA' in the first Unit and 'Transfer in the second Unit or vice versa.

If a candidate is repeating a Unit he/she may use the same moderated SBA score obtained for that Unit for both Units that are being taken at the same time.

SUBJECT: <u>INFORMATION TECHNOLOGY {CXC A4/U2/08}</u>

NO. OF UNITS	TWO
WEIGHTING	20 per cent
MODULES	UNIT 1: INFORMATION TECHNOLOGY THEORY MODULE 1: Fundamentals of Information Technology MODULE 2: Information Technology Systems MODULE 3: Information and Problem-Solving UNIT 2: APPLICATION AND IMPLICATION
	MODULE 1: Information Management MODULE 2: Use of Information Technology Tools MODULE 3:Social, Organizational and Personal Issues
TYPE OF ASSIGNMENT	UNIT 1: A systems analysis project (a report of 1,500 – 2,000 words to be submitted) UNIT 2: Implementation of an Information Technology based solution (a working system and a report of 500 – 700 words which outlines the problem)
DOCUMENTS AVAILABLE (These may be downloaded from the CXC° website: www.cxc.org)	 For each Unit: Guidelines for Submitting School-Based Assessment Record of Marks for School-Based Assessment Moderation of School-Based Assessment School-Based Assessment Feedback to Schools (completed forms will be sent to schools after results are issued)
DOCUMENTS/ INFORMATION TO BE SUBMITTED	 Record of Marks for School-Based Assessment (via the ORS) Sample of project reports with the completed Moderation of SBA Sample form
DEADLINE FOR RECEIPT AT CXC	May 31 of the examination year The work of the candidates should be retained at the school for at least 3 months following the publication of results.

SELECTION OF Each centre must submit **ONE** SBA sample consisting of the work of SCHOOL-BASED-FIVE candidates. ASSESSMENT SAMPLE ❖ After the candidates' SBA scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system. For each Unit, the e-SBA system will select the sample according to the following procedure: ■ The marks obtained on the projects will be arranged in descending order, highest to lowest mark. • The e-SBA system will identify the candidate with the: - highest mark - lowest mark - middle mark - mark midway between the highest mark and the middle - mark midway between the lowest mark and the middle mark. The centre MUST submit, by the stipulated deadline, ONLY the sample that has been selected by the e-SBA system. ❖ Where the number of candidates is less than five, the assignments of ALL candidates must be submitted. SYLLABUS The Unit 1 Systems Analysis Report should be of 1,500 - 2,000 words. **GUIDELINES** The project will require candidates to identify and examine a 'real life' problem in their own environment that requires an (pages 25 - 32)Information Technology based solution. To do so, they are **SYLLABUS** expected to collect data using at least three fact finding methods, analyse these data, identify and examine three solution options **AMENDMENT** and present the selected solution with justification. A systems analysis report of 1,500 - 2,000 words must be submitted. Teachers are to mark the project using the Mark Scheme provided in the syllabus. Teachers are required to impose a penalty of 10 per cent of the project score of any candidate whose project report exceeds

2,200 words.

The Unit 2 Working Solution and Report should be of 600 - 700 words. The project will require candidates to **implement** an Information Technology based solution to an identified 'real life' problem in their own environment. To do so, they are expected to identify the problem, propose a solution and then implement that solution. Candidates are expected to produce a report and working solution using the current tools of Information Technology. Teachers are to assess the projects using the Mark Scheme provided in the syllabus. Teachers are required to impose a penalty of 10per cent of the project score of any candidate whose project report exceeds 770 words. A candidate who rewrites the examination in the same Unit **RESIT PROVISIONS** within two years may reuse the moderated SBA score earned in the previous sitting. Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused. Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number. In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will indicate on the pre-slip if a candidate's moderated SBA score is less than

50 per cent in a particular Unit.

SUBJECT: INTEGRATED MATHEMATICS (CXC A35/U1/15)

NO. OF UNITS	ONE
WEIGHTING	20 per cent
MODULES	MODULE 1: Fundamentals of Mathematics MODULE 2: Statistics MODULE 3:Calculus
TYPE OF ASSIGNMENT	Candidates should complete ONE project, either Project A or Project B.
	The Project to be set by the teacher and based on CXC guidelines. Project A
	A single project which is based on applying the mathematical concepts, skills and procedures from any topic(s) contained in any of the sections in the syllabus or their combinations in order to understand, describe or explain in a real world phenomenon.
	Project B
	A single project which is based on applying the mathematical concepts, skills and procedures from any topic(s) in order to understand, describe or explain a real world phenomenon. The project is experiment based and involves the collection of data.
DOCUMENTS AVAILABLE (These may be downloaded from the CXC® website: www.cxc.org)	 Record of Marks for School-Based Assessment Guidelines for Submitting School-Based Assessment Sample Moderation of School-Based Assessment School-Based Assessment Feedback to Schools (completed forms will be sent to schools after results are issued)
DOCUMENTS TO BE SUBMITTED	 Record of Marks for School-Based Assessment (via the ORS) Sample of project reports with the completed Moderation of SBA Sample form
DEADLINE FOR RECEIPT AT CXC	May 31 of the examination year The work of the candidates should be retained at the school for at least 3 months following the publication of results.

SELECTION OF SCHOOL-BASED- ASSESSMENT SAMPLE	Each centre must submit ONE SBA sample consisting of the work of FIVE candidates.
	After the candidates' SBA scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system.
	For each Unit, the e-SBA system will select the sample according to the following procedure:
	The marks obtained on the projects will be arranged in descending order, highest to lowest mark.
	 The e-SBA system will identify the candidate with the: highest mark lowest mark middle mark
	 mark midway between the highest mark and the middle mark mark midway between the lowest mark and the middle
	mark.
	The centre MUST submit, by the stipulated deadline, ONLY the sample that has been selected by the e-SBA system.
	Where the number of candidates is less than five, the assignments of ALL candidates must be submitted.
SYLLABUS	Each candidate is required to complete a project.
GUIDELINES	 The assessment criteria should be available to the candidate at all times.
(pages 22-37)	■ The length of the project should not exceed 1,500 words
	excluding diagrams, graphs, tables and bibliographies.
	Teachers are required to ensure that all assignments are the
	candidate's work. Teachers are required to impose a penalty of 10 per cent of the score achieved by any candidate whose project
	report exceed 1,500 words.
RESIT PROVISIONS	 A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting.
	 Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused.
	 Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number.
	In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

SUBJECT: LAW {CXC A23/U2/09}

NO. OF UNITS	TWO
WEIGHTING	20 per cent
MODULES	UNIT 1: PUBLIC LAW
	MODULE 1: Caribbean Legal Systems MODULE 2: Principles of Public Law MODULE 3: Criminal Law UNIT 2: PRIVATE LAW
	MODULE 1: Law of Tort
	MODULE 2: Law of Contract
	MODULE 3: Real Property
TYPE OF ASSIGNMENT	Each Unit:
	One research project (a report of 1,500 words to be submitted)
(These may be downloaded from the CXC° website: www.cxc.org)	 Cover Page for Research Project Record of Marks for School-Based Assessment Moderation of School-Based Assessment Guidelines for Submitting School-Based Assessment Moderation Feedback on School-Based Assessment (Completed forms will be sent to schools after results)
	have been issued)
DOCUMENTS TO BE SUBMITTED	For each Unit:
DEADLINE FOR RECEIPT AT CXC	 Record of Marks for School-Based Assessment (via the ORS) Sample of research papers with cover sheet attached The completed Moderation of SBA Sample Form Online Registration System (ORS) Samples Report May 31 of the examination year
	The work of the candidates should be retained at the school for at least 3 months following publication of results.

SELECTION OF SCHOOL-Each centre must submit ONE SBA sample consisting of the **BASED ASSESSMENT** work of FIVE candidates. SAMPLE After the candidates' SBA scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system. For each Unit, the e-SBA system will select the sample according to the following procedure: The marks obtained on the projects will be arranged in descending order, highest to lowest. The e-SBA system will select the candidates with the - highest mark - middle (median) mark - lowest mark - the mark approximately midway between the highest mark and the middle mark - the mark approximately midway between the lowest mark and the middle mark The centre must submit, by the stipulated deadline, ONLY the sample that has been selected by the e-SBA system. Where the number of candidates is less than five, the assignments of ALL candidates must be submitted. **SYLLABUS GUIDELINES** Teachers should guide the candidates in choosing an appropriate topic, data collection and preparation of the (pages 31 - 36)report. A schedule of the dates for submitting project work, agreed on by teachers and candidates should be established. ■ The report should be of approximately 1,500 words, typed double-spaced or hand written legibly. Teachers are required to impose a penalty of 10 per cent of the project score of any candidate whose report exceeds 1,750 words. The report should be presented in a soft folder bearing the candidate's number, title of project and the date submitted. Teachers must use the Marking Scheme in the Syllabus, (pp 33-36).

RESIT PROVISIONS	 A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting. Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused. Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number.
	In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.
PROVISION TO CARRY FORWARD SCHOOL-BASED ASSESSMENT MARKS	Candidates may opt to complete a School-Based Assessment (SBA) for each Unit written or may opt to reuse another SBA score which satisfies any of the conditions listed as (i) to (vii) below:
	 (i) The SBA component in Unit 1 and Unit 2 examines skills and attitudes which are cognitively similar across the two Units of the subject. (ii) Candidates who enter Unit 1 or Unit 2 in different sittings may reuse a moderated SBA score obtained in a previous sitting of either Unit within a two-year period (two different sittings) immediately following the first examination. (iii) The SBA score may be reused in either Unit, or in both Units, irrespective of the Unit in which it was first obtained. (iv) Candidates reusing SBA scores in this way must register as 'Resit' in the Unit that the SBA was originally completed and as 'Transfer' in the other Unit in which the SBA is being transferred. (v) Candidates who, in the same year, register for both Units may opt to submit a single SBA for both Units; or submit separate SBA assignments for each Unit. (vi) Candidates who are doing two Units at the same sitting must register as 'SBA' in the first Unit and 'Transfer in the second Unit or vice versa. If a candidate is repeating a Unit he/she may use the same moderated SBA score obtained for that Unit for both Units that are being taken at the same time.

SUBJECT: <u>LITERATURES IN ENGLISH {CXC A/15/U2/05}</u>

NO. OF UNITS	TWO
WEIGHTING	20 per cent
MODULES	UNITS 1 and 2:
	MODULE 1: Drama
	MODULE 2: Poetry
TYPE OF ACCIONINATAIT	MODULE 3: Prose Fiction
TYPE OF ASSIGNMENT	(a) Interpretation of some aspect of a prescribed play, poem or an extract from prose fiction; OR
	(b) A critical response to a review of a prescribed play or poem or
	prose extract; OR
	(c) A review of a live performance or a film adaptation of a
	prescribed text; OR
	(d) A review of a prescribed text.
	Assignments set and marked by the teacher according to syllabus
	guidelines and criteria.
DOCUMENTS AVAILABLE	
	Guidelines for submitting School-Based Assessment
(These may be	Record of Marks for School-Based Assessment
downloaded from the	Moderation of School-Based Assessment
CXC® website:	Cover page for the assignmentSchool-Based Assessment Feedback to Schools (completed forms)
www.cxc.org)	School-Based Assessment Feedback to Schools (completed forms will be sent to Schools after results have been issued)
DOCUMENTS TO BE	For each Unit:
SUBMITTED	
	Record of Marks (via the ORS)
	■ Sample assignments with the completed Moderation of SBA
	Sample Form.
	Teachers are reminded that they MUST submit copies of the original
	or actual review article to which candidates write critical essays or
	analyses.
DEADLINE FOR RECEIPT	Many 24 of the appropriate to the second
DEADLINE FOR RECEIPT AT CXC	May 31 of the examination year
	The work of the candidates should be retained at the school for at
	least 3 months following publication of results.
SELECTION OF SCHOOL-	Each centre must submit ONE SBA sample consisting of the work of
BASED ASSESSMENT	FIVE candidates.
SAMPLES	
	After the candidates' SBA scores have been entered
	electronically, the sample for the centre will be automatically
	selected by the e-SBA system.
	For each Unit, the a CDA quetom will establish as well as a second
	For each Unit, the e-SBA system will select the sample according to the following procedure:
	to the following procedure.
	The marks obtained on the research papers will be arranged in
	descending order, highest to the lowest.

- The e-SBA system will identify the candidates with the
 - highest mark
 - middle mark
 - lowest mark
 - mark midway between the highest mark and the middle mark
 - mark midway between the lowest mark and the middle mark.
- The centre MUST submit, by the stipulated deadline, ONLY the sample that has been selected by the e-SBA system.
- Where the number of candidates is less than 5, the assignments of ALL candidates must be submitted.

SYLLABUS GUIDELINES

EITHER

(pages 24 - 27)

An interpretation of some aspect of a prescribed play or, poem or an extract from prose fiction. This may be in the form of one of the following:

- A reinterpretation
- A response in dramatic, poetic, or prose form
- A model, a cartoon strip, or a painting
- A videotape or an audiotape

N.B. Students must provide a commentary of how their interpretation is reinforced by their artistic choices. This should include:

- A statement of choices
- A justification of the choices
- An evaluation of the effects of the choice.

OR

A review of a prescribed play, collection of poems, or work of prose fiction extract. This should include:

- Biographical data and summary of text
- An explanation of the strengths and weaknesses of the argument
- An evaluation of the author's choices and presentation of material.

<u>OF</u>

A critical response to a creditable review of a prescribed play, poem or prose extract. This should include:

- A summary of the reviewer's argument
- An evaluation of the effectiveness of the argument

<u>OR</u>

A review of a live performance or a film adaptation of a prescribed text. This should include:

- A concise description
- An evaluation of the effectiveness of the performance.

All submissions should range between 1500 – 2000 words.

RESIT PROVISIONS A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting. Candidates are no longer required to earn a moderated score

- Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused.
- Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number.
- In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

PROVISION TO CARRY FORWARD SCHOOL-BASED ASSESSMENT MARKS

Candidates may opt to complete a School-Based Assessment (SBA) for each Unit written or may opt to reuse another SBA score which satisfies any of the conditions listed as (i) to (vii) below:

- (i) The SBA component in Unit 1 and Unit 2 examines skills and attitudes which are cognitively similar across the two Units of the subject.
- (ii) Candidates who enter Unit 1 or Unit 2 in different sittings may reuse a moderated SBA score obtained in a previous sitting of either Unit within a two-year period (two different sittings) immediately following the first examination.
- (iii) The SBA score may be reused in either Unit, or in both Units, irrespective of the Unit in which it was first obtained.
- (iv) Candidates reusing SBA scores in this way must register as 'Resit' in the Unit that the SBA was originally completed and as 'Transfer' in the other Unit in which the SBA is being transferred.
- (v) Candidates who, in the same year, register for both Units may opt to submit a single SBA for both Units; or submit separate SBA assignments for each Unit.
- (vi) Candidates who are doing two Units at the same sitting must register as 'SBA' in the first Unit and 'Transfer in the second Unit or vice versa.
- (vii) If a candidate is repeating a Unit he/she may use the same moderated SBA score obtained for that Unit for both Units that are being taken at the same time.

SUBJECT: LOGISTICS AND SUPPLY CHAIN OPERATIONS {CXC A34/U2/15}

NO. OF UNITS	TWO	
WEIGHTING	20 per cent	
MODULES	UNIT 1: CONCEPTUAL ISSUES IN LOGISTICS AND SUPPLY CHAIN MODULE 1: Logistics and its Role in the Economy MODULE 2: Supply Chain and the Global Economy MODULE 3: Customer Service in Shipping and Port Operations	
	UNIT 2: SHIPPING AND PORT OPERATIONS	
	MODULE 1: Commercial Shipping MODULE 2: Port Operations MODULE 3:Logistics Transforming Economies	
TYPE OF ASSIGNMENT	For EACH Unit:	
	ONE research project of 1,500 words.	
DOCUMENTS AVAILABLE (These may be downloaded from the CXC° website: www.cxc.org)	 Record of Marks for School-Based Assessment Guidelines for Submitting School-Based Assessment Sample Moderation of School-Based Assessment Moderation Feedback Report on School-Based Assessment (completed forms will be sent to schools after results are issued) Cover sheet for research project 	
DOCUMENTS TO BE SUBMITTED DEADLINE FOR	For EACH Unit: Record of Marks for School-Based Assessment (via the ORS) Sample project reports with cover sheet attached Completed Moderation of SBA Sample form	
RECEIPT AT CXC	May 31 of the examination year The work of the candidates should be retained at the school for at least 3 months following the publication of results.	

SELECTION OF SCHOOL-BASED-ASSESSMENT SAMPLE

Each centre must submit **ONE** SBA sample consisting of the work of FIVE candidates.

- After the candidates' SBA scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system.
- For each Unit, the e-SBA system will select the sample according to the following procedure:
- The marks obtained on the projects will be arranged in descending order, highest to lowest mark.
- The e-SBA system will identify the candidate with the:
 - highest mark
 - lowest mark
 - middle mark
 - mark midway between the highest mark and the middle mark
 - mark midway between the lowest mark and the middle mark.
- The centre MUST submit, by the stipulated deadline, ONLY the sample that has been selected by the e-SBA system.
- Where the number of candidates is less than five, the assignments of ALL candidates must be submitted.
 For EACH unit, candidates are required to complete a research

SYLLABUS GUIDELINES

(pages 29-38)

project of 1,500 words (not including bibliography, charts, graphs, tables, pictures, references and appendices).

UNIT 1:

Candidates are required to select a company of their choice and assess how logistics and supply chain operations have impacted the environs of the business. The project will require them to visit the organisation and conduct research.

UNIT 2:

Candidates are required to identify a problem at a port in their country and use their knowledge of logistics and port operations to formulate a plan of action that could be used to resolve the problem.

Teachers are required to impose a penalty of 10 per cent of the score achieved by any candidate whose project exceeds 1,500 words.

The School-Based Assessment is to be marked in accordance with the Marking Scheme outlined in the syllabus.

RESIT PROVISIONS

- A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting.
- Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused.
- Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number.
- In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

PROVISION TO CARRY FORWARD SCHOOL BASED ASSESSMENT MARKS

School Based Assessment marks are **NOT** transferable across Units. Candidates **must** submit a School-Based Assessment for **each** Unit.

The School-Based Assessment for EACH unit is based on the skills and competencies related specifically to the Modules of that Unit.

Candidates who in the same year register for both Units, must submit one SBA for Unit 1 and one SBA for Unit 2.

SUBJECT: MANAGEMENT OF BUSINESS { CXC A24/U2/03}

	T
NO. OF UNITS	TWO
WEIGHTING	20 per cent
MODULES	UNIT 1: MANAGEMENT PRINCIPLES AND PROCESSES
	MODULE 1: Business and its Environment MODULE 2: The Management of People
	MODULE 3: Business Finance and Accounting
	UNIT 2: APPLICATIONS IN MANAGEMENT
	MODULE 1: Production and Operations Management
	MODULE 2: Fundamentals of Marketing
TYPE OF ASSIGNMENT	MODULE 3: Small Business Management
TTPE OF ASSIGNIVIENT	ONE research project of between 2,000 – 2,500 words
DOCUMENTS AVAILABLE (These may be downloaded from the	 Guidelines for submitting School-Based Assessment Sample Record of Marks for School-Based Assessment Moderation of School-Based Assessment School-Based Assessment Feedback to Schools (Completed forms will be
CXC [®] website: www.cxc.org)	sent to Schools after results have been issued).
DOCUMENTS/ INFORMATION TO BE	For each Unit:
SUBMITTED	 Record of Marks (via the ORS) Sample Project Reports with the completed Moderation of SBA Sample form
DEADLINE FOR RECEIPT AT CXC	May 31 of the examination year.
RECEIT AT CAC	The work of the candidates should be retained at the school for at least 3 months following publication of results.

SELECTION OF SCHOOL-BASED ASSESSMENT SAMPLE	Each centre must submit ONE SBA sample consisting of the work of FIVE candidates.
	After the candidates' scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system.
	For each Unit, the e-SBA system will select the sample according to the following procedure:
	The marks obtained on the research papers will be arranged in descending order, highest to lowest.
	 The e-SBA system will identify the candidates with the highest mark middle mark lowest mark
	 mark midway between the highest mark and the middle mark mark midway between the lowest mark and the middle mark.
	The centre MUST submit, by the stipulated deadlines, ONLY the sample that has been selected by the e-SBA system.
	Where the number of candidates is less then five, the assignments of ALL candidates must be submitted.
SYLLABUS	■ Each candidate is required to complete a project of 2,000 – 2,500 words.
GUIDELINES	The project may be based on one or more modules. The project should
	include a description; an analysis; an evaluation; recommendations;
(pages 47 - 54)	appendices (such as questionnaires, diagrams, charts, statistical data);
	references – both in-text and bibliography.
	Teachers are required to impose a penalty of 10 per cent of the project
	score of any candidate whose project report exceeds 2,750 words.
	The project document should comprise: Title; table of contents; aims and
	objectives; methodology employed; the report, references.
	Assignments are to be marked in accordance with the amended Marking
RESIT PROVISIONS	Scheme, effective May/June 2010. A candidate who rewrites the examination in the same Unit within two
RESIT FROVISIONS	years may reuse the moderated SBA score earned in the previous sitting.
	Candidates are no longer required to earn a moderated score that is at
	least 50 per cent of the maximum possible score; any moderated score
	may be reused.
	 Candidates reusing SBA scores in this way must register as 'Resit
	candidates' and provide the previous candidate number.
	 In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the
	pre-slip if a candidate's moderated SBA score is less than 50 per cent in a
	particular Unit.
PROVISION TO CARRY	Candidates may opt to complete a School-Based Assessment (SBA) for each
FORWARD SCHOOL- BASED ASSESSMENT MARKS	Unit written or may opt to re-use another SBA score which satisfies any of the conditions listed as (i) to (vii) below:
IVIAINIS	(i) The SBA component in Unit 1 and Unit 2 examines skills and attitudes
	which are cognitively similar across the two Units of the subject.
	(ii) Candidates who enter Unit 1 or Unit 2 in different sittings may reuse a
	moderated SBA score obtained in a previous sitting of either Unit within

- a two-year period (two different sittings) immediately following the first examination.
- (iii) The SBA score may be reused in either Unit, or in both Units, irrespective of the Unit in which it was first obtained.
- (iv) Candidates reusing SBA scores in this way must register as 'Resit' in the Unit that the SBA was originally completed and as 'Transfer' in the other Unit in which the SBA is being transferred.
- (v) Candidates who, in the same year, register for both Units may opt to submit a single SBA for both Units; or submit separate SBA assignments for each Unit.
- (vi) Candidates who are doing two Units at the same sitting must register as 'SBA' in the first Unit and 'Transfer in the second Unit or vice versa.
- (vii) If a candidate is repeating a Unit he/she may use the same moderated SBA score obtained for that Unit for both Units that are being taken at the same time.

SUBJECT: **PERFORMING ARTS**

Paper 01	
NO.OF UNITS	TWO
WEIGHTING	30 per cent —Paper 010
WEIGHTING MODULES	TWO 30 per cent —Paper 010 UNIT 1: BUSINESS FOR THE CREATIVE ARTS MODULE 1: Business Feasibility MODULE 2: Business Development and Planning MODULE 3: Project Planning for the Arts UNIT 2: THEORY PRACTICE AND INNOVATION OPTION A—CINEMATIC ARTS MODULE 1: Tools and Theory MODULE 2: Process In Practice MODULE 3: Production OPTION B— DANCE MODULE 1: History And The Dancing Body MODULE 2: Technique And Performance Skills MODULE 3: Choreography And Performance OPTION C— DRAMA MODULE 1: Caribbean Theatre And The World MODULE 2: Forming The Performer MODULE 3: The Art Of Performance
DOCUMENTS AVAILABLE	MODULE 1: Caribbean Music MODULE 2: Western European Art Music MODULE 3: Jazz Record of Marks for Paper 01
(These may be downloaded from the CXC° website: www.cxc.org)	 External Examiner's Report – Paper 01 Student Peer Evaluation Checklist (only for Unit 1 Paper 01)
_	
DOCUMENTS/INFORMATION TO BE SUBMITTED	Record of Marks for Paper 01
	External Examiner's Report
DEADLINE FOR RECEIPT AT CXC	May 31 of the year of examination.
	The work of the candidates should be retained at the school for at least 3 months following publication of results.

SELECTION OF SCHOOL-BASED ASSESSMENT SAMPLE	Each centre must submit ONE SBA sample consisting of the work of FIVE candidates
TYPE OF ASSIGNMENT FOR PRACTICUUM/PERFORMANCE Paper 010	UNIT 1: Business for the Creative Arts Either individually or in a group of 2–4 students A research report of approximately 1300–1500 words which documents their response to a cultural enterprise. The research report is divided into four areas: 1. A description of the creative solution 2. A field log 3. ORAL presentation of 15 minutes 4. Engage in a viva voce Refer to pages 26–33 of the Performing Arts syllabus for detailed guidelines as well as the criteria for marking.

UNIT 2: Theory Practice and Innovation

Option A—Cinematic Arts In a group of 5–7 students

- Produce a rough cut of a cinematic project
- Write a shooting script
- Engage in a viva voce

Refer to pages 61–69 of the Performing Arts Syllabus for detailed guidelines as well as the criteria for marking.

Option B—Dance

In a group

 Prepare and present a 30 minute warm-up routine

Individually

- Choreograph and perform a solo dance
- Engage in a viva voce

NOTE: Students will require a minimum of six weeks to prepare before the examination

Refer to pages 127–136 of the Performing Arts Syllabus for detailed guidelines as well as the criteria for marking.

Option C—Drama Individually

- Perform a set piece or a devised performance between 10 and 15 minutes
- 5 minutes of the performance must demonstrate a traditional performance skill learnt during the apprenticeship to a traditional practitioner
- ❖ A written introduction of approximately 300 words must be presented to the examiners before the performance. Approximately 150 words of this written introduction must include the student's account of the apprenticeship
- Signed statement from the practitioner to whom the student was apprenticed.

❖ Engage in a viva voce NOTE: Students will require a minimum of six weeks to prepare before the examination.

Refer to pages 167–173 of the Performing Arts Syllabus for detailed guidelines as well as the criteria for marking.

Option D—Music

- A prepared performance on the candidate's choice of instrument
 - Solo performance on their instrument from the CAPE Music set pieces
 - Ensemble performance(on their instrument) –candidate must have a clear and distinguishable role
 - Perform 6 scales(major, harmonic minor, melodic minor) and 3 arpeggios (major and minor) on definite pitched instrument NOTE: Non-definite pitched instruments and vocalists will do an additional ensemble performance in lieu of this.

Refer to pages 203–209 of the Performing Arts Syllabus for detailed guidelines as well as the criteria for marking.

NOTE: Where applicable, each candidate's group mark and individual mark must be added together for the total mark.

PAPER 03 –	40 per cent
TYPE OF ASSIGNMENT FOR SCHOOL-BASED	UNIT 1:
ASSESSMENT	
Paper 030	In a group of 2–4 students
	 An event based project
	Individually A portfolio
	UNIT 2:
	Option A—CINEMATIC ARTS
	In a group of 5-7 students Produce a final cut Submit a portfolio/production file Complete a community screening Individually A reflective Journal
	Option B—DANCE In a group of 5-10 students Choreograph a dance event EITHER As a group performance in a public space OR As a dance concert Individually A Process Journal
	Engage in a viva voce
	Option C—DRAMA In a group of 3–5 students A group community performance
	Individually
	Actor's Process Journal Fingage in a Viva Vices
	■ Engage in a Viva Voce Option D—MUSIC
	Individually
	A composition
	 An arrangement of the composition Process Journal
DOCUMENTS AVAILABLE	 Process Journal Record of marks for School Based
(These may be downloaded from the CXC	Assessment
(website:ww.cxc.org)	 Moderation of School-Based Assessment Guidelines for submitting School-Based assessment
	 External Examiner's Report

DOCUMENTS/INFORMATION TO BE SUBMITTED Record of marks for School Based Assessment Moderation of School-Based Assessment External Examiner's Report May 31 of the year of examination. The work of the candidates should be retained at the school for at least 3 months following **DEADLINE FOR RECEIPT AT CXC** publication of results. SELECTION OF SCHOOL-BASED ASSESSMENT Each centre must submit **ONE** SBA sample SAMPLE consisting of the work of FIVE Candidates. ❖ After the candidates' SBA scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system. ❖ For each unit, the e-SBA system will select the sample according to the following procedure: The marks obtained on the projects will be arranged in descending order, highest to lowest mark. ■ The e-SBA system will identify the candidates with the: —Highest mark —Lowest mark -Middle mark -Mark midway between the highest mark and the middle mark -Mark midway between the lowest mark and the middle mark. The centre MUST submit, by the stipulated deadline, ONLY the sample that has been selected by the e-SBA system. Where the number of candidates is less than five, the assignments of ALL candidates must be submitted. NOTE: Each candidate's group mark and individual mark must be added together for the total mark. When selected the candidate's group project as well as the individual project must be submitted.

SYLLABUS GUIDELINES	The Performing Arts Syllabus provides detailed
	guidelines for the conduct of the SBA as well as
	the marking criteria as follows:
	UNIT 1: Business for the Creative Arts
	Pages 33–39
	UNIT 2: Theory, Practice and Innovation
	Option A—Cinematic Arts(Pages 70–88)
	Option B—Dance(Pages 137–146) Option C—Drama(Pages 174–182)
	Option D—Music(Pages 210–220)
	Option D—Music(Pages 210–220)
	NOTE: Paper 01 and 02 are assessed by the
	teacher and an external examiner who is a
	specialist in the respective field.
RESIT PROVISIONS	Resit candidates must complete Papers 01 and
	02 of the examination for the year for which
	they re-register.
	, -
	 A candidate who rewrites the examination
	within two years may reuse the moderated
	School-Based Assessment score earned in
	the previous sitting.
	 Candidates are no longer required to earn a
	moderated score that is at least 50 per cent
	of the maximum possible score; any
	moderated score may be reused.
	 Candidates reusing SBA scores in this way
	must register as 'Resit candidates' and
	provide the previous candidate number. In
	order to assist candidates in making
	decisions about whether or not to reuse a
	moderated SBA score, the Council will
	continue to indicate on the pre-slip if a
	candidate's moderated SBA score is less than
	50 per cent.
	35 per cente
	Resit candidates must be registered through a
	school, a recognised educational institution, or
	the Local Registrar's Office.
	2 2 3 2 3 2 3 2 3 2 3 3 2 3 3 3 3 3 3 3

SUBJECT: PHYSICAL EDUCATION AND SPORT

NO OF UNITS	THO	
NO. OF UNITS	TWO	
WEIGHTING	40 per cent	
MODULES	UNIT 1: FUNDAMENTALS OF PHYSICAL EDUCATION & SPORT	
	MODULE 1: Functional Anatomy and Training Theory	
	MODULE 2: Sociological Aspects of Sport	
	MODULE 3: Sport Psychology	
	UNIT 2: APPLICATIONS OF PHYSICAL EDUCATION & SPORT	
	MODULE 1: Biomechanics	
	MODULE 2: Sports Management	
	MODULE 3: Technology and Innovation	
TYPE OF ASSIGNMENT	UNIT 1: A training program for Coaching and Coaching and Officiating Activities UNIT 2: Planning and implementation of a one-day sporting event	
DOCUMENTS AVAILABLE (These may be downloaded from the CXC® website: www.cxc.org)	 Guidelines for Submitting School-Based Assessment Record of Marks for School-Based Assessment Moderation of School-Based Assessment School-Based Assessment Feedback to Schools (Completed forms will be sent to schools after results are issued) 	
DOCUMENTS TO BE SUBMITTED	UNIT 1: School-Based Assessment Record of Marks (via the ORS) The completed Moderation of SBA Sample form (SBA will be moderated on-site).	
	 UNIT 2: School-Based Assessment Record of Marks (via the ORS) The completed Moderation of SBA Sample form (SBA will be moderated on-site). 	
DEADLINE FOR RECEIPT AT CXC	May 31 of the examination year	
	The work of the candidates should be retained at the school for at least 3 months following publication of results.	

SYLLABUS GUIDELINES	 UNIT 1: This paper comprises a training programme together with the students' demonstration of coaching and officiating skills UNIT 2: This paper requires the planning and implementation of a sports event. Research must be done to determine the need for the
RESIT PROVISIONS	 event. A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting. Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused. Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number. In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

SUBJECT: PURE MATHEMATICS { CXC A6/U2/12}

NO. OF UNITS	TWO
WEIGHTING	20 per cent
MODULES	UNIT 1: ALGEBRA, GEOMETRY AND CALCULUS
	MODULE 1: Basic Algebra and Functions MODULE 2: Trigonometry, Geometry and Vectors MODULE 3: Calculus I UNIT 2: ANALYSIS, MATRICES AND COMPLEX NUMBERS
	MODULE 1: Complex Numbers and Calculus II MODULE 2: Sequences, Series and Approximations MODULE 3: Counting, Matrices and Differential Equations
TYPE OF ASSIGNMENT	For each Unit: Three written tests (constructed and marked by the teacher)
These may be downloaded from the CXC® website: www.cxc.org	 Record of Marks for School-Based Assessment Guidelines for Submitting School-Based Assessment Moderation of School-Based Assessment School-Based Assessment Feedback to Schools (Completed forms will be sent to Schools after results have been issued)
DOCUMENTS/ INFORMATION TO BE SUBMITTED (Copies of the Teachers' Tests, Mark schemes and Solutions must be submitted with the samples for moderation)	For each Unit: Record of Marks (via the ORS) Sample of candidates' work with a copy of each test, its key and mark scheme The completed Moderation of SBA Sample Form
DEADLINE FOR RECEIPT AT CXC	May 31 of the examination year The work of the candidates should be retained at the school until at least 3 months following the publication of results.

SELECTION OF SCHOOL- BASED ASSESSMENT SAMPLE	Each centre must submit ONE SBA sample consisting of the work of FIVE candidates. After the candidates' SBA scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system. For each Unit, the e-SBA system will select the sample according to the following procedure: The marks obtained on the tests will be arranged in descending order, highest to lowest. The e-SBA system will identify the candidates with the highest mark middle mark lowest mark mark midway between the highest mark and the
	middle mark - mark midway between the lowest mark and the middle mark. The centre MUST submit, by the stipulated deadline, ONLY the sample that has been selected by the e-SBA system. Where the number of candidates is less then five, the assignments of ALL candidates must be submitted.
SYLLABUS GUIDELINES (pages 46 - 54)	 For each Unit: Three tests, each of 1 to 1 ½ hours duration, are required. The tests should, individually or collectively, span the three Modules and include mathematical modelling. The tests are to be marked in accordance with the guidelines on pages 50 to 51 of the syllabus.
RESIT PROVISIONS	 A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting. Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused. Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number. In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

SUBJECT: PHYSICS { CXC A16/U2/01}

NO. OF UNITS	TWO
WEIGHTING	20 per cent
MODULES	UNIT 1: MECHANICS, WAVES AND PROPERTIES OF MATTER
WODGES	MODULE 1: Mechanics
	MODULE 2: Oscillations and Waves
	MODULE 3: Thermal and Mechanical Properties of Matter
	UNIT 2: ELECTROMAGNETISM, A.C. THEORY AND ELECTRONICS AND ATOMIC AND NUCLEAR PHYSICS
	MODULE 1: Electricity and Magnetism
	MODULE 2: A C Theory and Electronics
	MODULE 3: Atomic and Nuclear Physics
TYPE OF ASSIGNMENT	Each Unit
	Practical Assignments
DOCUMENTS AVAILABLE	School-Based Assessment Record Sheet
<i>(</i> —,	Moderation of School-Based Assessment
(These may be	Guidelines for Submitting School-Based Assessment
downloaded from the CXC [®] website:	 School-Based Assessment Feedback to Schools (Completed forms will be sent to schools after results have been issued)
www.cxc.org)	be sent to schools after results have been issued)
DOCUMENTS/	
INFORMATION TO BE SUBMITTED	For each Unit:
	 Record of marks for School-Based Assessment (via the ORS)
	■ Teacher's criteria for Assessment and Marking Scheme with sample of
	Laboratory Workbooks
	■ Completed Moderation of SBA Sample form
	May 31 of the examination year
DEADLINE FOR RECEIPT	
AT CXC	The work of the candidates should be retained at the school for at least 3 months following publication of results.

SELECTION OF SCHOOL-Each centre must submit ONE SBA sample consisting of the work of FIVE **BASED ASSESSMENT** candidates. SAMPLE After the candidates scores have been entered, the sample of FIVE for the centre will be automatically selected by the e-SBA system. For each Unit, the e-SBA system will select the select the sample according to the following procedure: The candidates' overall marks will be arranged in descending order from the highest to the lowest. ■ The e-SBA system will identify the work of the candidates who gained - the highest mark - the lowest mark - the middle mark - the mark midway between the highest mark and the middle - and the mark midway between the lowest mark and the middle mark. The centre MUST submit, by the stipulated deadline, the work of **only** those candidates the system has selected. Where the number of candidates is less than five, the work of ALL the candidates must be submitted. **SYLLABUS GUIDELINES** Each candidate is required to keep a laboratory workbook containing ALL practical work done. (pages 64 – 69) Exercises used for School-Based Assessment should be CLEARLY identified, by placing the skill tested and the mark assigned, next to the relevant exercise. Teachers set their own Laboratory exercises and devise their own Marking Schemes. **Detailed** Marking Schemes for work assessed for submission and the criteria for assessment MUST be submitted along with the Laboratory Skills should be graded according to a 13-point scale, 0 - 12. **RESIT PROVISIONS** A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting. Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number. In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will indicate on the preslip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

SUBJECT: SOCIOLOGY { CXC A27/U2/13}

NO. OF UNITS	TWO
WEIGHTING	20 per cent
MODULES	UNIT 1: The Sociological Perspective
	MODULE 1: Sociological Concepts, Perspectives and Methods
	MODULE 2: Social Institutions: Family, Religion, Education
	MODULE 3: Social Stratification
	UNIT 2: Development and Social Change
	MODULE 1: Population and Development
	MODULE 2: Crime and Deviance
	MODULE 3: Caribbean Social Issues: Poverty, Health and Environment
TYPE OF ASSIGNMENT	For each Unit:
	One research project (a report of 1,300 – 1,500 words to be submitted)
DOCUMENTS	
AVAILABLE	 Guidelines for submitting School-Based Assessment
AVAILABLE	Record of Marks for School-Based Assessment
(These may be	Moderation of School-Based Assessment
downloaded from the	 School-Based Assessment Feedback to Schools (Completed forms)
CXC® website:	will be sent to schools after results have been issued)
www.cxc.org)	will be selle to sollools after results have been issued,
DOCUMENTS/	For each Unit:
INFORMATION TO BE	Tor each offic.
SUBMITTED	 Record of Marks for School-Based Assessment (via the ORS)
3331111123	Sample of FIVE candidates' work with the completed Moderation
	of SBA Sample form
DEADLINE FOR RECEIPT	May 31 of the examination year
AT CXC	Way 31 of the examination year
	The work of the candidates should be retained at the school for at
	least 3 months following publication of results.

SELECTION OF SCHOOL-BASED ASSESSMENT SAMPLE

Each centre must submit **ONE** SBA sample consisting of the work of FIVE candidates.

- After the candidates' SBA scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system.
- For each Unit, the e-SBA system will select the sample according to the following procedure:
- The marks obtained on the research papers will be arranged in descending order, highest to lowest.
 - The e-SBA system will identify the candidates with the
 - highest mark
 - middle mark
 - lowest mark
 - mark midway between the highest mark and the middle mark
 - mark midway between the lowest mark and the middle mark.
- The centre MUST submit, by the stipulated deadline, ONLY the sample that has been selected by the e-SBA system
- Where the number of candidates is less then five, the projects of ALL candidates must be submitted.

SYLLABUS GUIDELINES

UNIT 1:

(pages 27 -31)

• Guided by the teacher, candidates will conduct a research project on any social group or organisation in the community, choosing from among the areas listed in the syllabus (p 29).

UNIT 2:

 Guided by the teacher, candidates will conduct a research project on any issue affecting development in his or her community, choosing from among the areas listed in the syllabus (p 30).

The length of the project in each Unit should be 1,300 - 1,500 words (not including appendices).

Teachers are required to impose a penalty of 10 per cent of the project score of any candidate whose report exceeds 1,650 words.

RESIT PROVISIONS

- A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting.
- Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused.
- Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number.
- In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

PROVISION TO CARRY FORWARD SCHOOL-BASED ASSESSMENT MARKS

Candidates may opt to complete a School-Based Assessment (SBA) for each Unit written or may opt to reuse another SBA score which satisfies any of the conditions listed as (i) to (vii) below:

- (i) The SBA component in Unit 1 and Unit 2 examines skills and attitudes which are cognitively similar across the two Units of the subject.
- (ii) Candidates who enter Unit 1 or Unit 2 in different sittings may reuse a moderated SBA score obtained in a previous sitting of either Unit within a two-year period (two different sittings) immediately following the first examination.
- (iii) The SBA score may be reused in either Unit, or in both Units, irrespective of the Unit in which it was first obtained.
- (iv) Candidates reusing SBA scores in this way must register as 'Resit' in the Unit that the SBA was originally completed and as 'Transfer' in the other Unit in which the SBA is being transferred.
- (v) Candidates who, in the same year, register for both Units may opt to submit a single SBA for both Units; or submit separate SBA assignments for each Unit.
- (vi) Candidates who are doing two Units at the same sitting must register as 'SBA' in the first Unit and 'Transfer in the second Unit or vice versa.

If a candidate is repeating a Unit he/she may use the same moderated SBA score obtained for that Unit for both Units that are being taken at the same time.

SUBJECT: SPANISH { CXC 17/U2/12}

NUMBER OF UNITS	TWO
WEIGHTING	20 per cent
MODULES	UNIT 1: LA FAMILIA, LA SOCIEDAD Y EL MEDIO AMBIENTE
	MODULE 1: El individuo, la familia y la vida diaria MODULE 2: La sociedad y los asuntos sociales MODULE 3: El medio ambiente
	UNIT 2: LAS ACTUALIDADES, LA TECNOLOGÍA Y LA ECONOMÍA
	MODULE 1: Las actualidades MODULE 2: La ciencia y la tecnología MODULE 3: La industria y los asuntos económicos
TYPE OF ASSIGNMENT	For each Unit: Oral Examination
DOCUMENTS AVAILABLE (These may be downloaded from the CXC° website: www.cxc.org)	 For each Unit: Instructions for the Administration of the School-Based Assessment Guidelines for Conducting the School-Based Assessment Record of Marks for School-Based Assessment Moderation of School-Based Assessment Guidelines for submitting School-Based Assessment School-Based Assessment Feedback to Schools (Completed forms will be sent to schools after results have been issued).

DOCUMENTS/ INFORMATION TO BE SUBMITTED	For each Unit:
	 Record of Marks for School-Based Assessment (via the ORS) Sample of the taped oral examination of 5 candidates selected Completed Moderation of SBA Sample Form – Oral Examination
DEADLINE FOR RECEIPT AT CXC	May 31 of the examination year
	The work of the candidates should be retained at the school for at least 3 months following publication of results.
SELECTION OF SCHOOL- BASED ASSESSMENT SAMPLE	Each centre must submit ONE SBA sample consisting of the work of FIVE candidates.
57.11.1 22	After the candidates' SBA scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system.
	For each Unit, the e-SBA system will select the sample according to the following procedure:
	 The marks obtained on the oral examination will be arranged in descending order, highest to lowest.
	 The e-SBA system will identify the candidates with the highest mark middle mark lowest mark mark midway between the highest mark and the middle mark mark midway between the lowest mark and the middle mark.
	The centre MUST submit, by the stipulated deadlines, ONLY the sample that has been selected by the e-SBA system.
	Where the number of candidates is less than five, the assignments of ALL candidates must be submitted.
SYLLABUS GUIDELINES (pages 22 – 32)	For each Unit:
(puges 22 – 32)	The Oral Examination:
	 Guided by the teacher, each candidate is required to prepare a topic of his or her choice based on Modules 1, 2 or 3. The candidate is allowed to have a cue card with no more than five headings for the examination which is conducted by the classroom teacher. The format of the examination is as follows: the prepared topic, topic conversation and general conversation. The examinations are to be taped for submission to CXC.

RESIT PROVISIONS	 A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting. Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused. Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number. In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will continue to indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit.

SUBJECT: TOURISM { CXC A31/U2/13}

NO. OF UNITS	TWO
WEIGHTING	40 per cent
MODULES	UNIT 1: TOURISM CONCEPTS
	MODULE 1: Concepts and Issues MODULE 2: Linkages with Key Sectors MODULE 3: Sustainable Tourism UNIT 2: TOURISM PRODUCT DEVELOPMENT MODULE 1: Product Development MODULE 2: Marketing MODULE 3: Entrepreneurship
TYPE OF ASSIGNMENT	UNIT 1: ONE research project of 1500 words UNIT 2: A portfolio comprising an outline of a business plan for the development of a tourism product.
These may be downloaded from the CXC® website: www.cxc.org)	 Guidelines for Submitting School-Based Assessment Sample Record of Marks for School-Based Assessment Moderation of School-Based Assessment School-Based Assessment Feedback to Schools (Completed forms will be sent to schools after results are issued)
DOCUMENTS TO BE SUBMITTED	For each Unit: Record of Marks (via the ORS) Sample Project Reports with completed Moderation of SBA Sample form
DEADLINE FOR RECEIPT AT CXC	May 31 of the examination year The work of the candidates should be retained at the school for at least 3 months following publication of results.

SELECTION OF SCHOOL-BASED -ASSESSMENT SAMPLE

Each centre must submit **ONE** SBA sample consisting of the work of FIVE candidates.

- After the candidates' scores have been entered electronically, the sample for the centre will be automatically selected by the e-SBA system
- For each Unit the e-SBA system will select the sample according to the following procedure:
- The marks obtained on the research project will be arranged in descending order, highest to lowest
- The e-SBA system will identify the candidates with the
 - highest mark
 - middle mark
 - lowest mark
 - mark midway between the highest mark and middle mark
 - mark midway between the lowest mark and the middle mark.
- The centre MUST submit, by the stipulated deadlines, ONLY the sample that has been selected by the e-SBA system
- Where the number of candidates is less than five, the assignments of ALL candidates must be submitted.

SYLLABUS GUIDELINES

(Pages 42-52)

UNIT 1:

- Each candidate is required to complete a research project of 1,500 words
- Candidates are required to choose an existing tourism business in any one of the following sectors: - accommodation, visitor attraction, transport, food and beverage – and evaluate the extent to which the operations of the business is sustainable. Based on their research, candidates are required to craft FOUR recommendations that the business can utilise to improve the sustainability of its operation.

UNIT 2:

Each candidate is required to produce a portfolio comprising a business plan for EITHER (1) an innovation in an existing tourism product, activity or service, OR (2) a business, product, activity or service of his/her creation. The portfolio must include relevant documentation including a prototype of a product.

UNITS 1 & 2

- Teachers are required to impose a penalty of 10 per cent of the project score of any candidate whose project exceeds 1,750 words.
- The School-Based Assessment is to be marked in accordance with the Marking Scheme in the syllabus.

RESIT PROVISIONS A candidate who rewrites the examination in the same Unit within two years may reuse the moderated SBA score earned in the previous sitting. Candidates are no longer required to earn a moderated score that is at least 50 per cent of the maximum possible score; any moderated score may be reused. Candidates reusing SBA scores in this way must register as 'Resit candidates' and provide the previous candidate number. In order to assist candidates in making decisions about whether or not to reuse a moderated SBA score, the Council will indicate on the pre-slip if a candidate's moderated SBA score is less than 50 per cent in a particular Unit. **PROVISION TO CARRY** School-Based Assessment marks are **NOT** transferable across units. FORWARD SCHOOL-BASED Candidates **Must** submit a School-Based Assessment for **each** unit. **ASSESSMENT MARKS** The School-Based Assessment for each unit is based on skills and competencies related specifically to the Modules of that unit. However, candidates who repeat the same Unit in a subsequent sitting may reuse their School-Based Assessment marks. Candidates reusing SBA scores from one sitting to another must register as Resit. Candidates, who in the same year register for both Units, must submit one SBA for Unit 1 and one for Unit 2. If a candidate is repeating a Unit he/she must use the moderated SBA scores that were obtained in the previous sitting.

March 2016