INFORMATION AND COMMUNICATION TECHNOLOGY

INTRODUCTION

The public assessment of this subject is based on the Curriculum and Assessment Guide (Secondary 4─6) Information and Communication Technology (ICT) jointly prepared by the Curriculum Development Council and the Hong Kong Examinations and Assessment Authority.   Candidates have to refer to the Guide for the knowledge, understanding, generic skills and practical skills they are required to demonstrate in the assessment.

ASSESSMENT OBJECTIVES

The objectives of this assessment are to evaluate candidates' ability to:

1.   demonstrate knowledge and understanding of the range and organisation of computer systems, and the interrelationships among hardware, software and data;
2.   appreciate the social, ethical and legal issues pertaining to the use of information and communication technologies;
3.   use a range of application software effectively, ethically and with discrimination to support information-processing and problem-solving;
4.   demonstrate an understanding of methods for analysing problems, and planning and implementing solutions using information and communication technologies; and
5.   appreciate how information literacy and the sharing of knowledge using information and communication technologies influence decision-making and shape our society.

MODE OF ASSESSMENT

The public assessment will consist of a public examination component and a school-based assessment component as outlined in the following table:

Component			Weighting	Duration
Public Examination	Paper 1	Compulsory part	55%	2 hours
	Paper 2 2A 2B 2C	Elective part (choose any two) Databases Web Application Development Algorithm and Programming	25%	1 hour 30 minutes
School-based Assessment (SBA)			20%	

PUBLIC EXAMINATION

Paper 1

There will be two sections in this paper: Section A consists of multiple-choice questions and carries 22% of the subject mark. Section B includes short questions and structure questions, and carries 33% of the subject mark. Questions will be set on the compulsory part of the curriculum. All questions are compulsory.

Paper 2

This paper consists of short questions and structured questions, and carries 25% of the subject mark. Candidates are required to attempt any two of the following electives:

Paper 2A   Databases
Paper 2B   Web Application Development
Paper 2C   Algorithm and Programming

Questions will be set on the elective part of the curriculum. Candidates are expected to build upon the knowledge and skills learned in the compulsory part and demonstrate in-depth knowledge and skills in the elective part. Candidates are required to answer all the questions on the two electives selected.

SCHOOL-BASED ASSESSMENT (SBA)

SBA is compulsory for all school candidates. This component consists of two guided tasks, focusing on 'Design & Implementation' and 'Testing & Evaluation' in the development of an information system. The total mark of the guided tasks is 40 and the mark allocation is

Task 1 (Design & Implementation)   25 marks
Task 2 (Testing & Evaluation)   15 marks

All guided tasks are expected to be completed within class. Teachers will provide guided tasks and guidance for candidates. The arrangement of SBA will be announced to schools by the Hong Kong Examinations and Assessment Authority in S5.

Candidates are required to keep good custody of their work for inspection and authentication purposes until the release of the HKDSE results.

Private candidates need not complete the SBA component. Their subject result will be based entirely on the public examination result.

The detailed requirements, regulations, assessment criteria and guidelines are provided in the SBA Handbook for HKDSE Information and Communication Technology published by the Hong Kong Examinations and Assessment Authority.