

AMENDED



Rewarding Learning

ADVANCED SUBSIDIARY (AS)
General Certificate of Education
January 2013

Centre Number

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Candidate Number

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**Information and
Communication Technology**
Assessment Unit AS 1
assessing
Module 1: Components of ICT
[AP111]
THURSDAY 17 JANUARY, MORNING



AP111

TIME

2 hours.

INSTRUCTIONS TO CANDIDATES

Write your Centre Number and Candidate Number in the spaces provided at the top of this page.
Write your answers in the spaces provided in this question paper.
Complete in blue or black ink only. **Do not write in pencil or with a gel pen.**
Answer **all five** questions.

INFORMATION FOR CANDIDATES

The total mark for this paper is 120 marks including a maximum of 5 for quality of written communication.
Figures in brackets printed down the right-hand side of pages indicate the marks awarded to each question or part question.

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(b) Explain what is meant by each of the following in this case.

A direct data source

(i) _____

_____ [2]

An indirect data source

(ii) _____

_____ [3]

(c) Describe one benefit and one drawback of using an indirect data source.

Benefit _____

Drawback _____

_____ [4]

Examiner Only	
Marks	Remark





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(Questions continue overleaf)

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[Turn over



(d) The university is a member of the International Telecommunication Union (ITU).

Explain the purpose of the ITU.

[4]

Examiner Only	
Marks	Remark

[Turn over



(ii) Describe how real-time processing could be used to process orders on the website.

[4]

(c) The website will use TCP/IP and https.

Describe the main features of

TCP/IP _____

https _____

[6]

Examiner Only	
Marks	Remark





5 An organisation requires a new information system.

(a) A feasibility study is carried out.

Explain what is meant by

Legal feasibility _____

Social feasibility _____

_____ [4]

(b) Name and describe **two** different methods of fact finding.

Name _____

Description _____

Name _____

Description _____

_____ [6]

Examiner Only

Marks

Remark

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For Examiner's use only	
Question Number	Marks
1	
2	
3	
4	
5	
QWC	

Total Marks	
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Examiner Number

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