



2007 Computing Studies

Intermediate 1

Finalised Marking Instructions

© Scottish Qualifications Authority 2007

The information in this publication may be reproduced to support SQA qualifications only on a non-commercial basis. If it is to be used for any other purposes written permission must be obtained from the Assessment Materials Team, Dalkeith.

Where the publication includes materials from sources other than SQA (secondary copyright), this material should only be reproduced for the purposes of examination or assessment. If it needs to be reproduced for any other purpose it is the centre's responsibility to obtain the necessary copyright clearance. SQA's Assessment Materials Team at Dalkeith may be able to direct you to the secondary sources.

These Marking Instructions have been prepared by Examination Teams for use by SQA Appointed Markers when marking External Course Assessments. This publication must not be reproduced for commercial or trade purposes.

**2007 Computing Studies
Intermediate 1**

Section I

- 1 (a) Graphics Tablet (1)
- (b) Word Processing (1)
- (c) Search for a graphic (source not important) of the Eiffel Tower/use Clip Art (1st mark) (2)

For 2nd mark

Copy and Paste or insert the graphic into Word Processing document (1 mark)

Or

Save graphic and then Insert into Word Processing document (1 mark)

- (d) Search and Replace (1 mark) (1)

Or

Find and Change (1 mark)

- (e) USB Flash Drive (1)

- (f) Any suitable example (1 mark) (1)

Examples could be:

- grammar errors (two, too, to/tower, tour/there, their)
- typing errors that result in another correct word being typed
- different dictionary

- (g) On-Line Help (1 mark) (1)

- 2 (a) Field Name – Any suitable answer relating to Description of Field eg “Date Found” (1 mark) (2)

Type of Data – Graphic (1 mark) [OLE, container, multimedia, object]

- (b) Insert a Record (1 mark) (1)

- (c) Sort on Age field (1 mark) (1)

- (d) (i) Any appropriate text editing facility (1 mark) (1)

For example – font, size, style, colour, tabs, justify text, bullet points, text effects

- (ii) Digital Camera (1)

- (e) Save her magazine (1 mark) (1)

- 3 (a) Number (1)
- (b) Cells have been formatted as Currency (1)

Or

Cells have been centred
(1 mark for either answer)

- (c) (i) =SUM(D2:D10) (1)
- (1 mark)
- (ii) Fill Down (1 mark) (1)

Or

Replication (1 mark)

Or

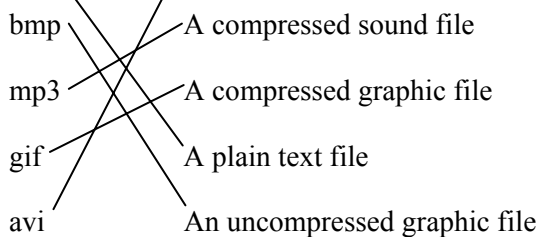
Copy and Paste

- (d) A chart or graph of the data could be created (1 mark) (1)

- 4 (a) (i) A Hyperlink (1 mark) (1)
- (ii) A Transition (1 mark) (1)
- (b) (i) Graphics (1 mark) (1)
- (ii) The photograph could be scaled (1 mark) (1)
- (c) The speech could be recorded using a *microphone* (1 mark) (1)

Award (1 mark) for simply using the term microphone

- 5 (a) txt A video file (2)



2 marks for all 4 correct answers
1 mark for 3 or 2 correct answers
0 marks for 0 or 1 correct answers

- (b) The file is reduced in size/scaled (1 mark) (1)
- (c) Sound Card (1 mark) (1)

- 6 (a) (i)** The Flag Pole – Line Tool, Rectangle **(2)**
 The Letters KGC – Text Tool
 The Golf Ball – Ellipse tool
 (do not accept circle)
- (All 3 correct = 2 marks
 2 correct = 1 mark
 0 or 1 = 0 marks)
- (ii)** The objects could be grouped (1 mark) **(1)**
- (iii)** Picture A = rotated (1 mark) **(2)**
 Picture B = cropped (1 mark)
- (b)** A scanner with OCR software **(1)**
- (c)** Scanner **(1)**
- (d)** Use a Template **(1)**
- Or**
- Use a Master Page
- (e)** Bullet Points **(1)**
- (f) (i)** A data/digital projector **(1)**
 NOT projector on its own.
- Or**
- Plasma Screen
- (ii)** Output Device **(1)**

Section II – Part A – Computers and the Internet

- 7 (a) (i) Palmtop (1)
- (ii) Touch screen (answer must link to part (i)) (1)
- (b) A set of linked computers (1)
- (c) Application Software is the package being used. Data File is the Data for the application to use. (1)
- (d) User ID and Password (1)
- 8 (a) • Doesn't have enough available RAM/Computer system only has 64 Mb available due to operating system (2)
- Doesn't have a DVD drive
- Processor not fast enough
- 1 mark each
- (b) (i) Graphics Card – to help the computer display graphics/pictures on the monitor (1)
- (ii) Takes up less space, less power
NOT a better picture quality (1)
- (c) RAM (1)
- 9 (a) • Cost of hardware (2)
- Cost of software
- Installation costs
- Training
- (b) Broadband (1)
- (c) Use of firewall/secure site (1)
- 10 (a) Systems Software (1)
- (b) CD-Rom (1)
- 11 (a) Implementation (2)
- Documentation
- (b) Design (1)
- (c) Check it fulfils the specification (1)

Section II – Part B – Information and the Internet

- 7 (a) Chart Position – Number (2)
Date Entered Chart – Date/Time
- (b) Sort the database on the DVD Title field (2)
- (c) List format (Table) (1)
- (d) Edit records (1)
- 8 (a) Electronic and Public – eg website (2)
Manual and Private – eg phone/address book at home
- (b) Can log on anywhere and access your data (1)
- (c) It has meaning and context (1)
- (d) Computer Misuse Act (1)
- (e) Interlinked pages of information on the Internet (1)
- 9 (a) ISP Subscription, call charges, maintenance, help lines, updating hardware and software (2)
- (b) RAM (accept Graphics and Sound Card, Modem) (1)
- (c) The site must have been filtered by the school (1)
- 10 (a) (i) Analysis (1)
- (ii) Design must show 2 of the following: (2)
- text
 - graphic
 - links
- (b) Pages and links should be checked to ensure they look and behave ok (1)

[END OF MARKING INSTRUCTIONS]