CAMBRIDGE INTERNATIONAL EXAMINATIONS GCE Ordinary Level

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7010 COMPUTER STUDIES

7010/32

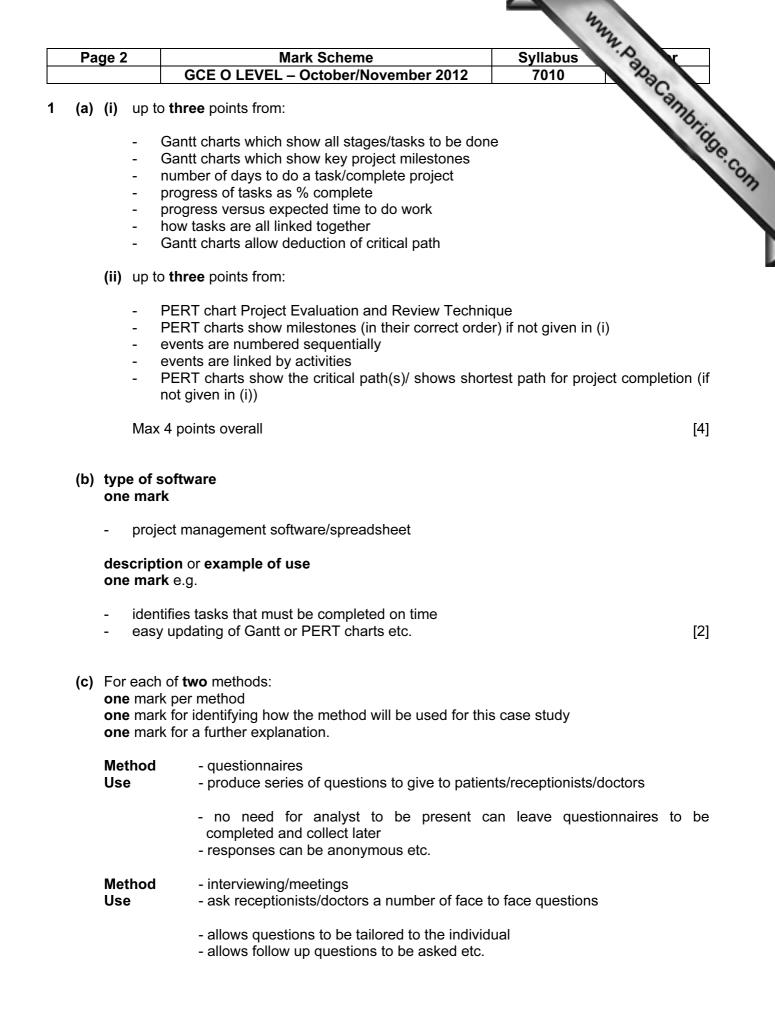
Paper 3, maximum raw mark 60

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

Cambridge will not enter into discussions about these mark schemes.

Cambridge is publishing the mark schemes for the October/November 2012 series for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level components and some Ordinary Level components.



Method Use	Mark Scheme Syllabus GCE O LEVEL – October/November 2012 7010 - document search - gather information from documents/paperwork used in appointment booking system - allows procedures to be studied first hand - allows close scrutiny of all paperwork/files etc.
	 document search gather information from documents/paperwork used in appointment booking system allows procedures to be studied first hand
	- allows procedures to be studied first hand
	- allows close scrutiny of all paperwork/files etc.
Method Use	 observation (not doctors) watch receptionists doing their day to day tasks//patients arriving for their appointments
	- gives first hand knowledge of how system works etc. [6]
one mark pe	er item of hardware er reason why it would be needed - Network Interface Card
Reason	- to allow a computer to access the network
ltem Reason	 hub connects segments of a LAN
ltem Reason	 switch connects segments of a LAN (with reduced data collisions)
	- server
ltem Reason	- various functions print, file etc. [4]

- navigation buttons
- clarity of instructions
- good layout

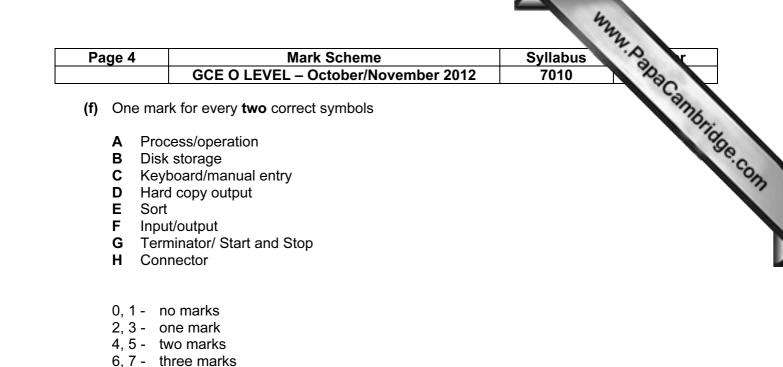
(ii) up to four points

- appropriate screen title
- offered all 31 days
- can see all days of the month clearly

If not given in (i)

- confirm and try again
- navigation buttons
- clarity of instructions
- good layout

Max 4 per screen, 8 in total



(g) One mark per process, max 4

- four marks

8

- Checking patient number and password
- Selection of doctor
- Offering appointment
- Selection of appointment
- Sorting and printing out/displaying list of appointments for a doctor

One mark per input, max 2

- Patient Number
- Password
- Selection of Doctor
- Selection of appointment time/date

One mark per data store, max 2

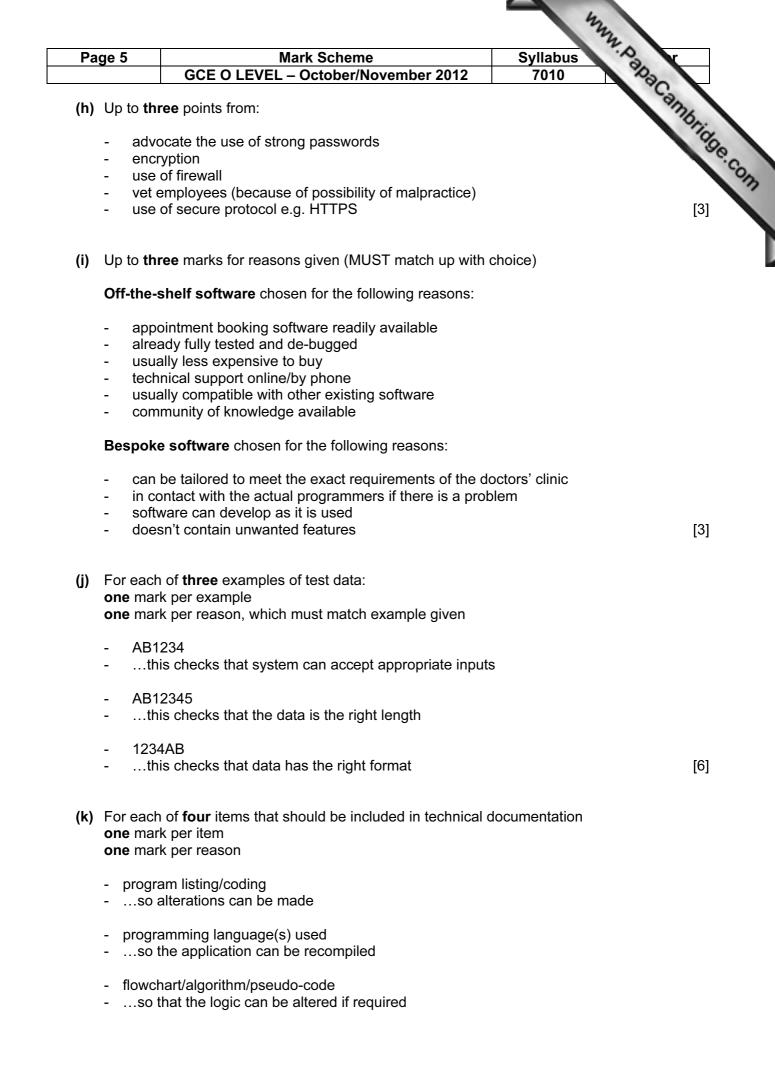
- Patient file/database
- Appointment file/database
- Doctor file/database
- Database (only if none of the above were given)

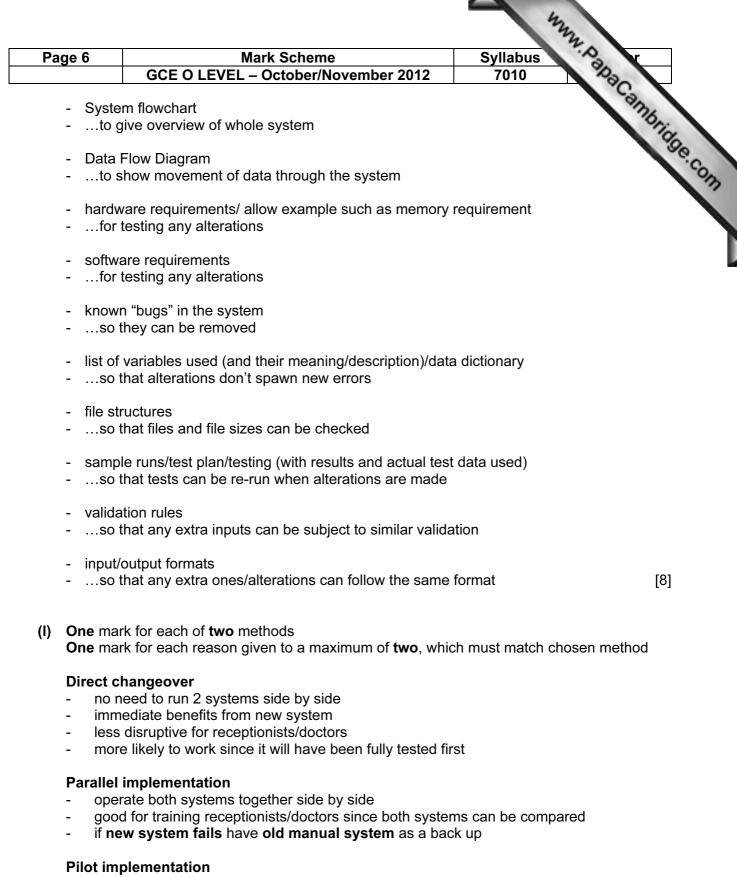
One mark per output, max 2

- appointment (screen not paper)
- lists for each doctor (screen or paper)

[8]

[4]





- adopt new system at one clinic
- can easily re-introduce old system if problems occur
- makes sure system fully works before adopting at another clinic

Phased implementation e.g.

- part of system (e.g. patient arrivals) introduced initially for trials
- if it is OK, gradually introduce other parts of the new system
- if a problem occurs, can stop using it any stage
- allows receptionists/doctors to gain confidence in its operation