

Short-answer questions — Introduction to the Internet and Multimedia Interface Design

Answer all questions.

Each question is answered by typing a response into the answer field provided which will automatically load on your screen.

All the text you enter will be automatically saved.

You can review and change your answer at any time.

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You are required to choose an Internet Service Provider (ISP) to manage your business connection to the Internet. (You are to focus only on the quality of Internet connection provided.)

- a. State one aspect of the quality of Internet connection provided by available ISPs which you would use to make your choice.

1 mark

- b. Describe one technical aspect of an ISP's setup which enables it to provide the superior Internet connection referred to in part a.

1 mark

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You are the learning technologies coordinator in a school. The school principal is concerned that many of the teachers are not using available Internet technologies to keep up with developments in their subjects. She has asked you to select one Internet application which could be demonstrated to teachers to show how people can use it to share knowledge and solve problems. Select one application from the following list which is most suitable for this purpose.

- video conferencing
- email
- newsgroups
- real-time chatting

- a. Name and briefly describe the characteristics of the application you have chosen. 1 mark

- b. Justify your choice of application by comparing its suitability to one of the other applications which you have rejected. 2 marks

You have been asked to design a CD-ROM interface for a local services guide. The guide is for people over 55 years of age, with little or no computer experience. Using the 'next design' button to view the four available interface designs, use the 'select' button to indicate which design is most appropriate for the target group.



Design A

next design

select

Identify two of the design features of your chosen interface and explain why they would be suitable for the target group.

4 marks

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NEXT

Planning and the ability to visualise a multimedia production are very important skills for interface designers to have. A sequence of steps needs to be completed. Listed below are five steps — from initial client brief to the client signing off the storyboard — before the main development begins. Provide a brief description of what is involved at each stage.

5 marks

Client brief:

Brainstorming:

Concept development:

Develop storyboard:

Client sign off:

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You have been asked to 'badge' every web page within a web site with a detailed photo.

- a. From the selection below, which jpeg image is most appropriate for your web site? 1 mark



Jpeg original
272 k
14 seconds download
time @28 Kpbs



Jpeg excellent quality
141 k
5 seconds download
time @28 Kpbs



Jpeg good quality
40 k
3 seconds download
time @28 Kpbs



Jpeg low quality
4.23 k
3 seconds download
time @28 Kpbs

Click on an answer button (A,B,C or D) to select your answer.

Selected response:

- b. Give two reasons why the image you have chosen is the most appropriate for a web site.

2 marks

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