Times

Materials

Instructions Structure

Section A

Section B

Section C

Introduction

Instructions for Section B



SECTION B — Short-answer questions

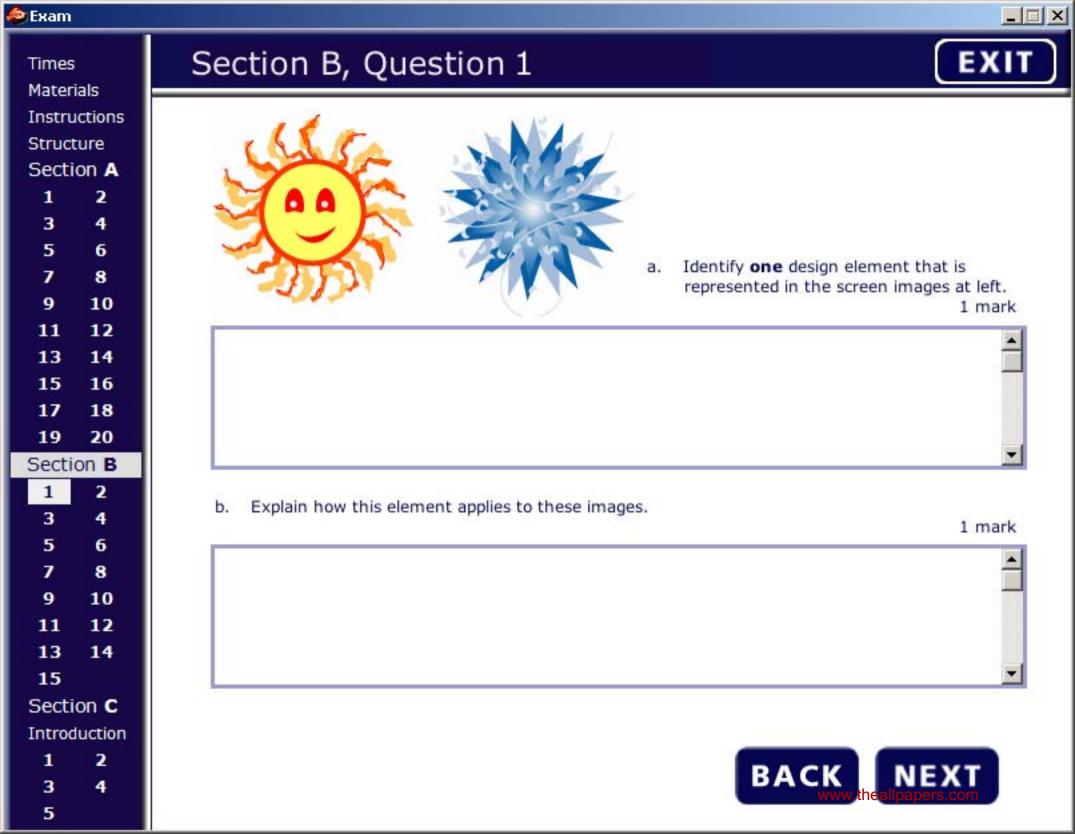
Answer all questions.

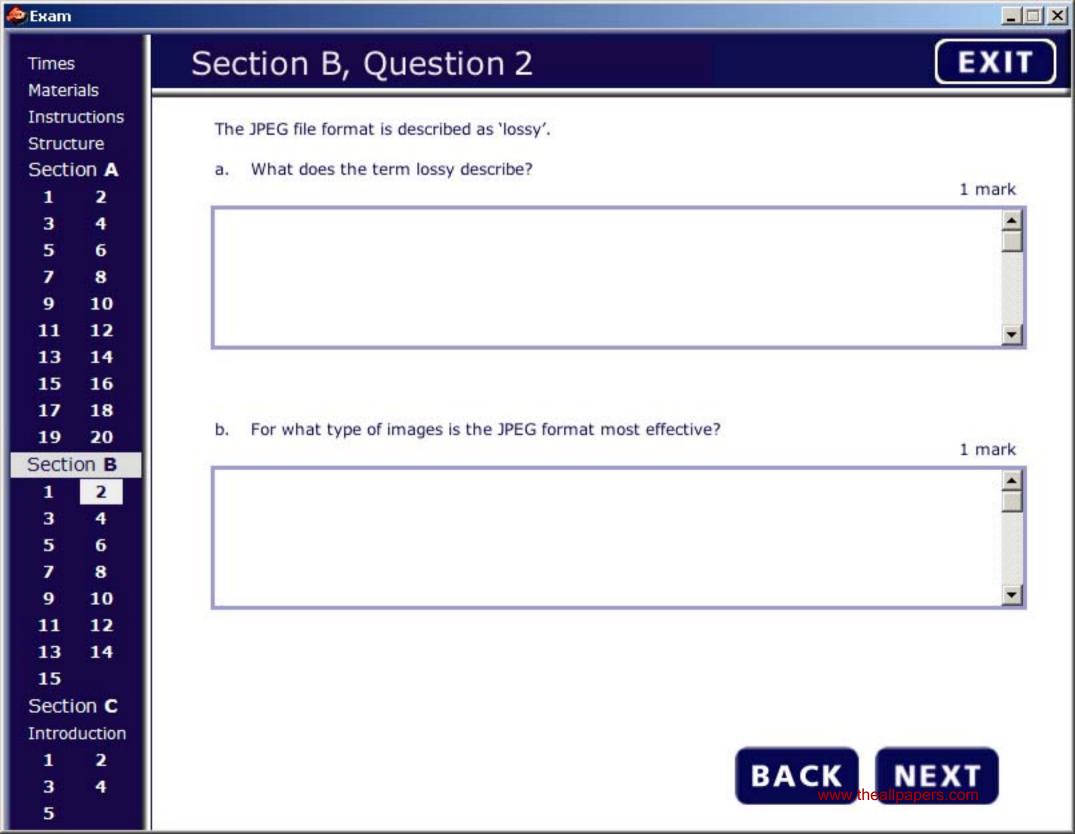
Each question is answered by typing a response into the answer field provided which will automatically load to your screen.

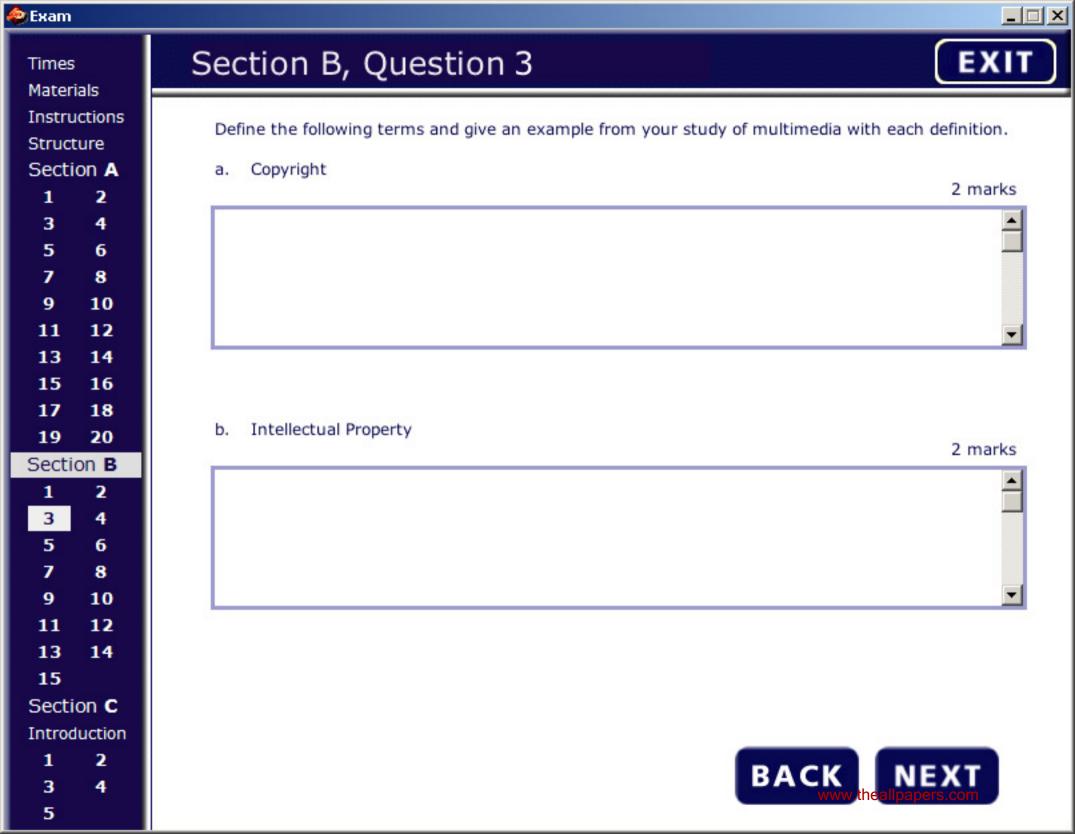
All the text you enter will be automatically saved.

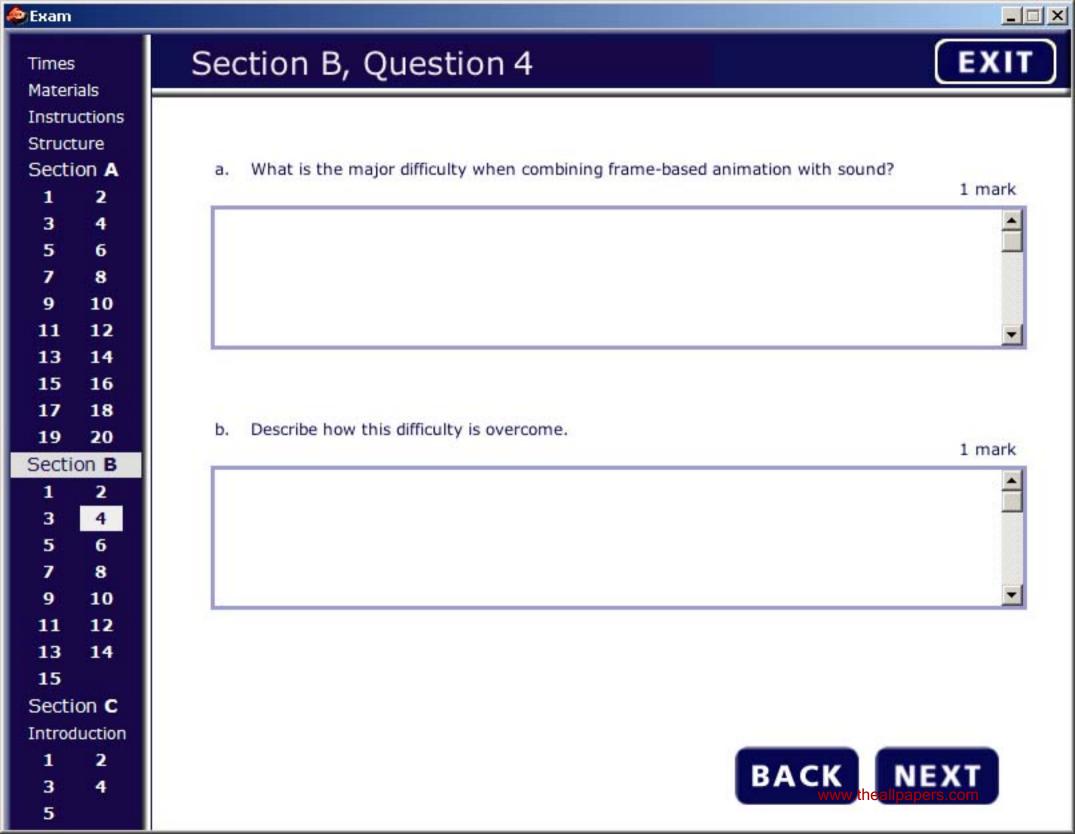
You can review and change your answer at any time.

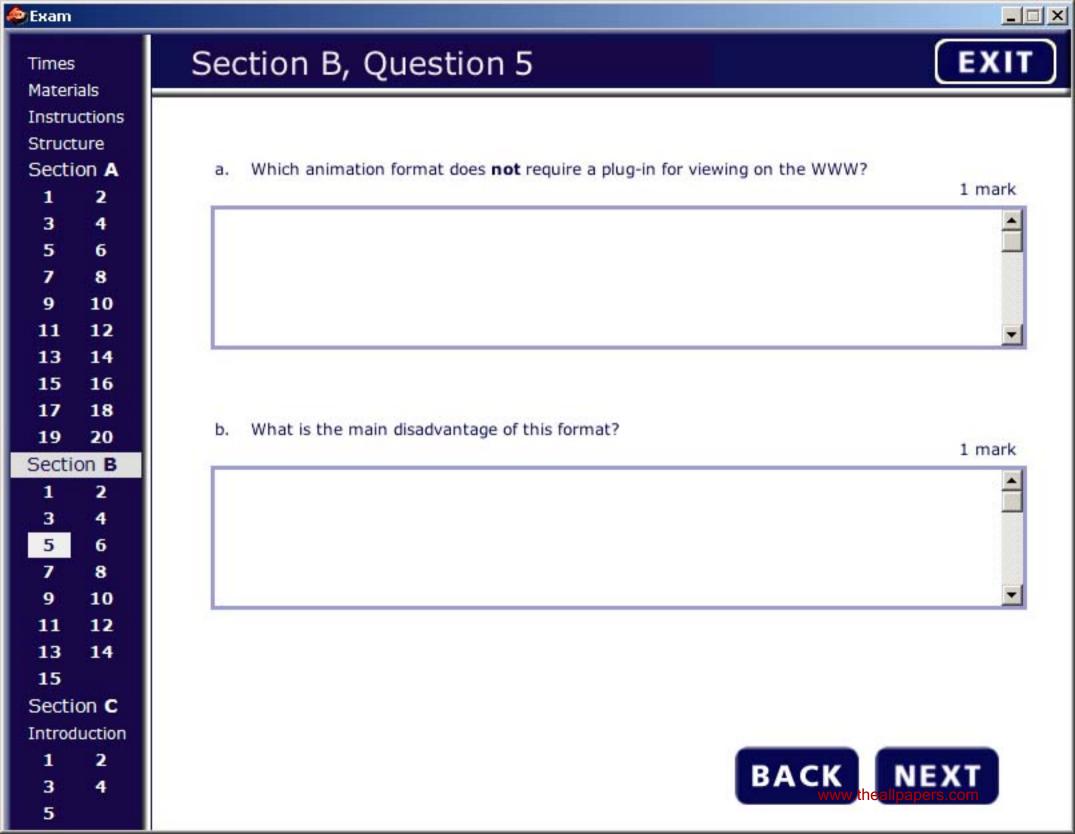


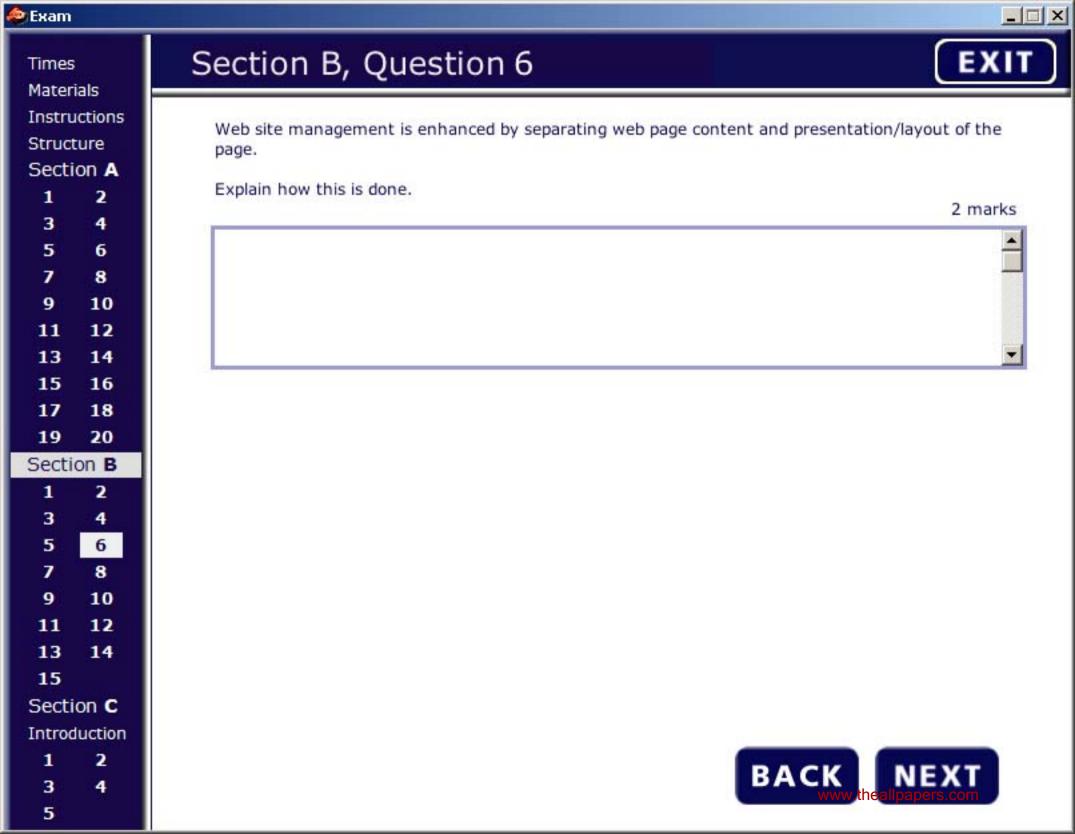


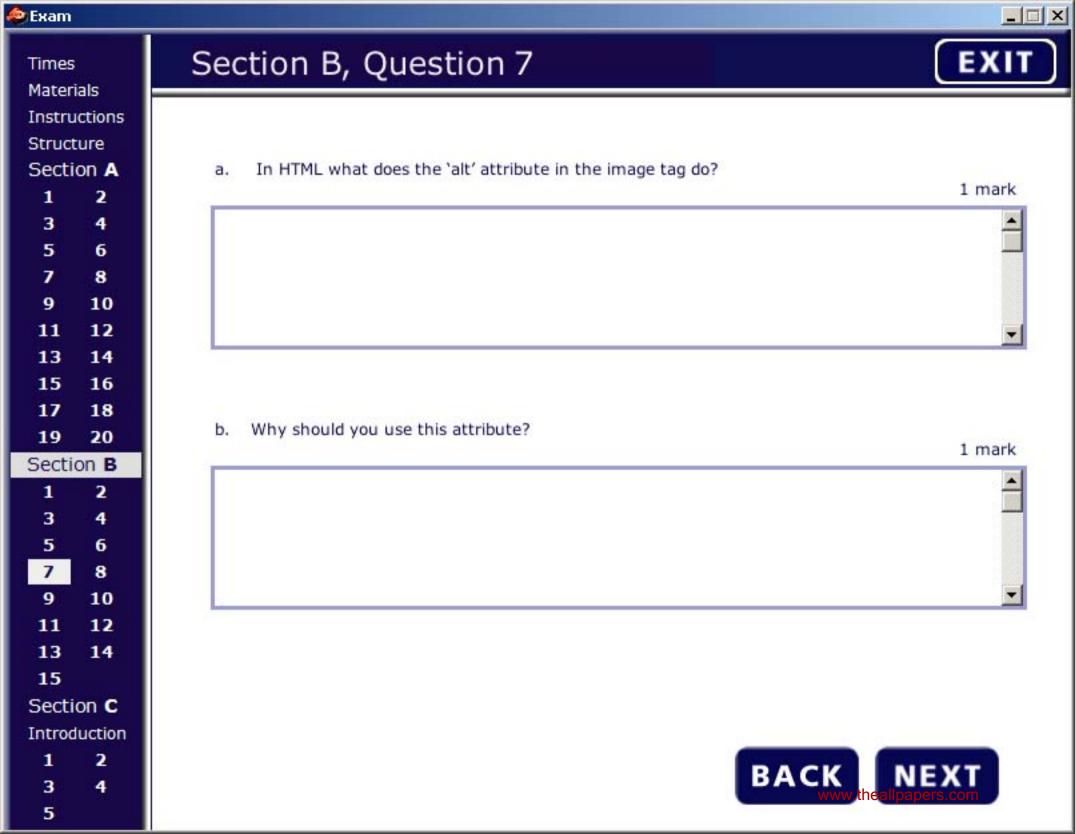


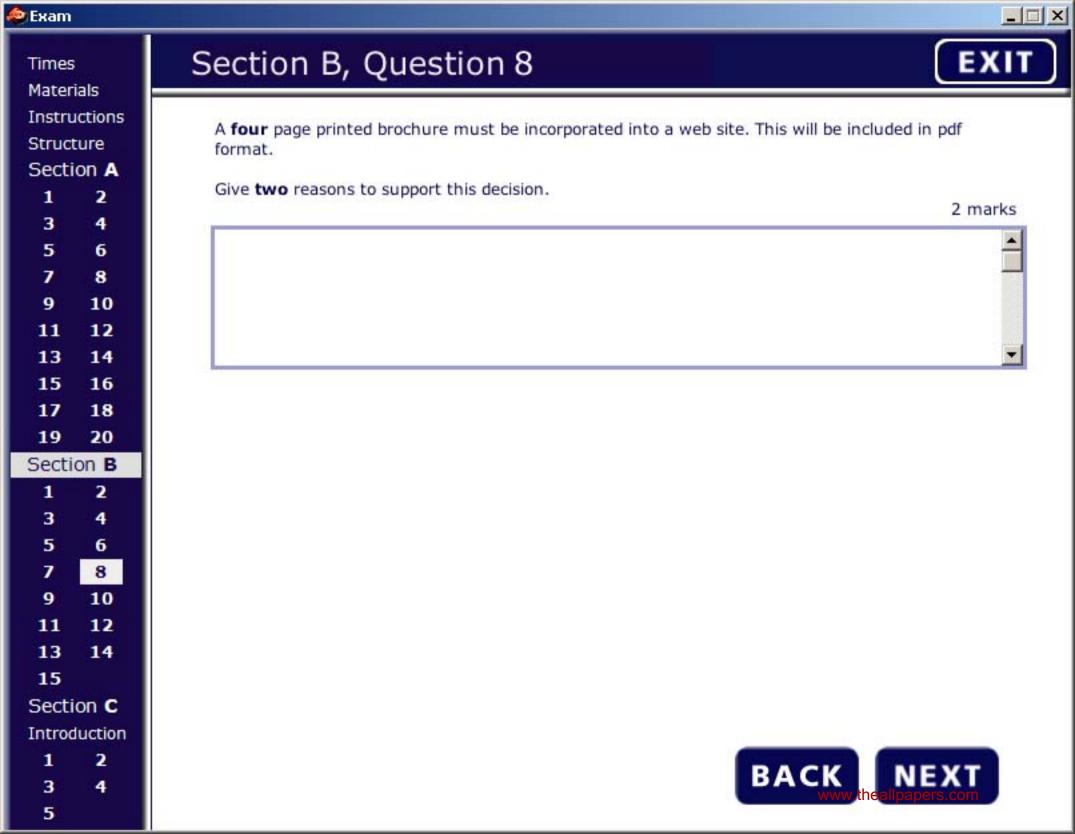


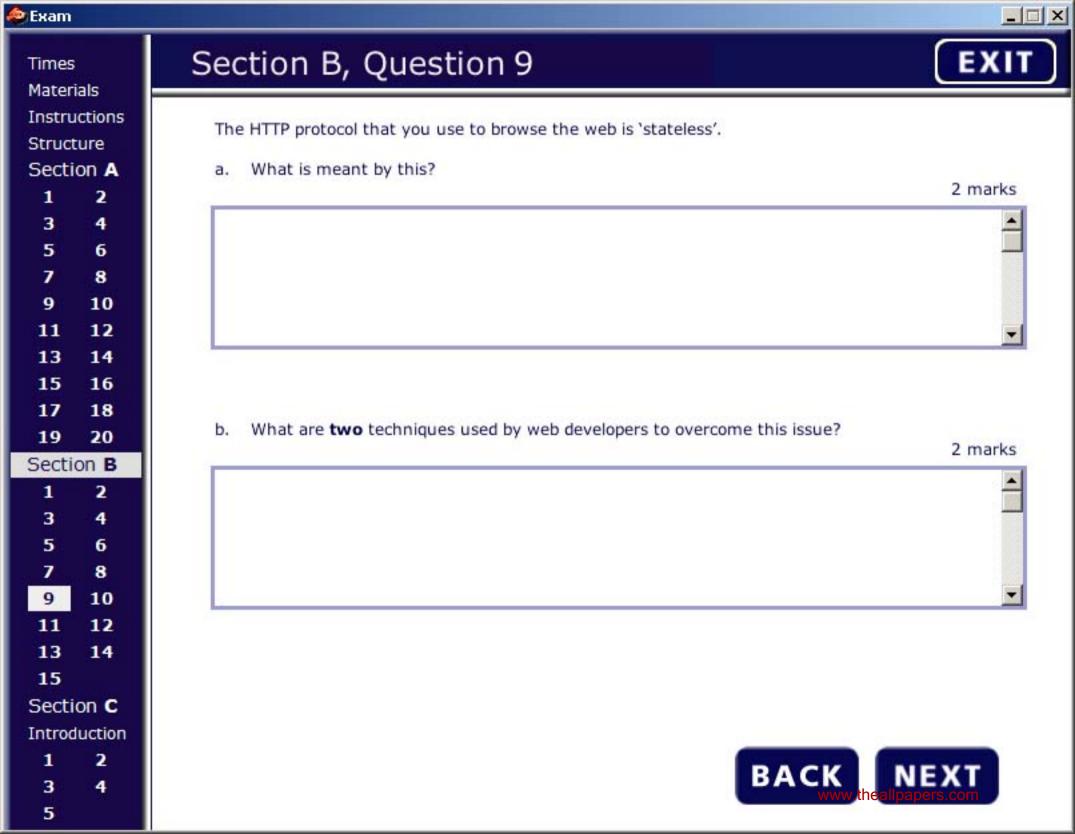


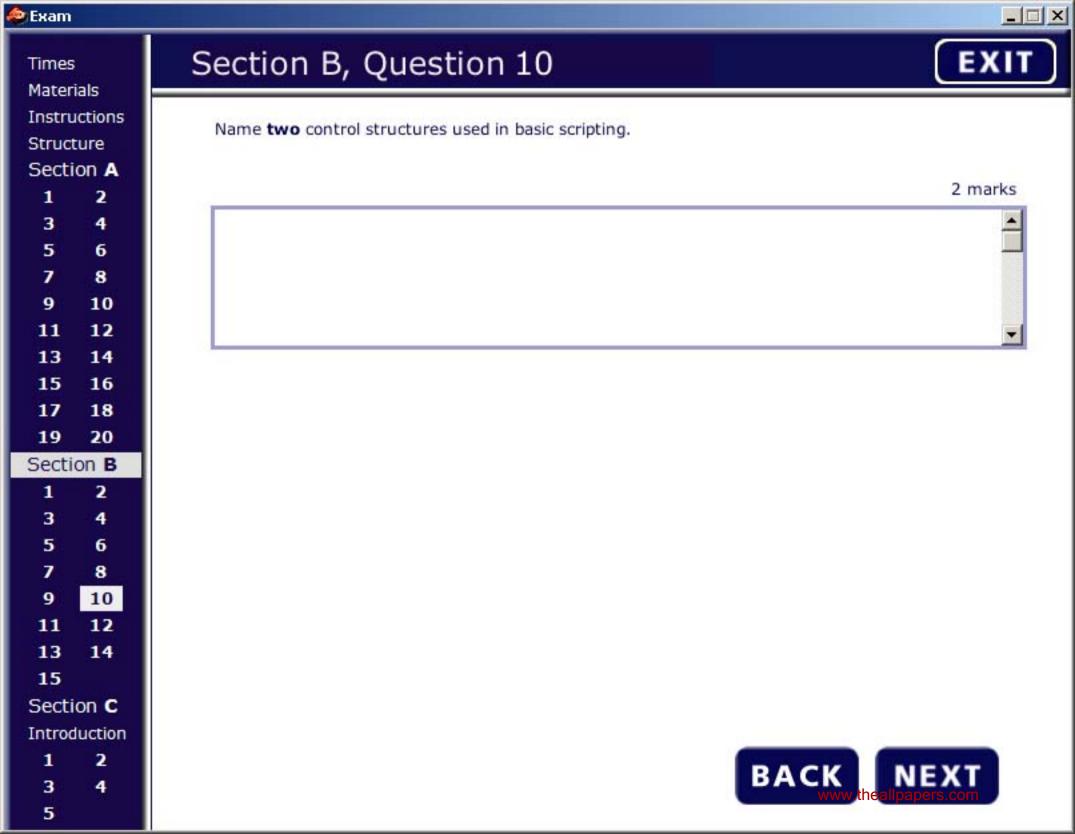


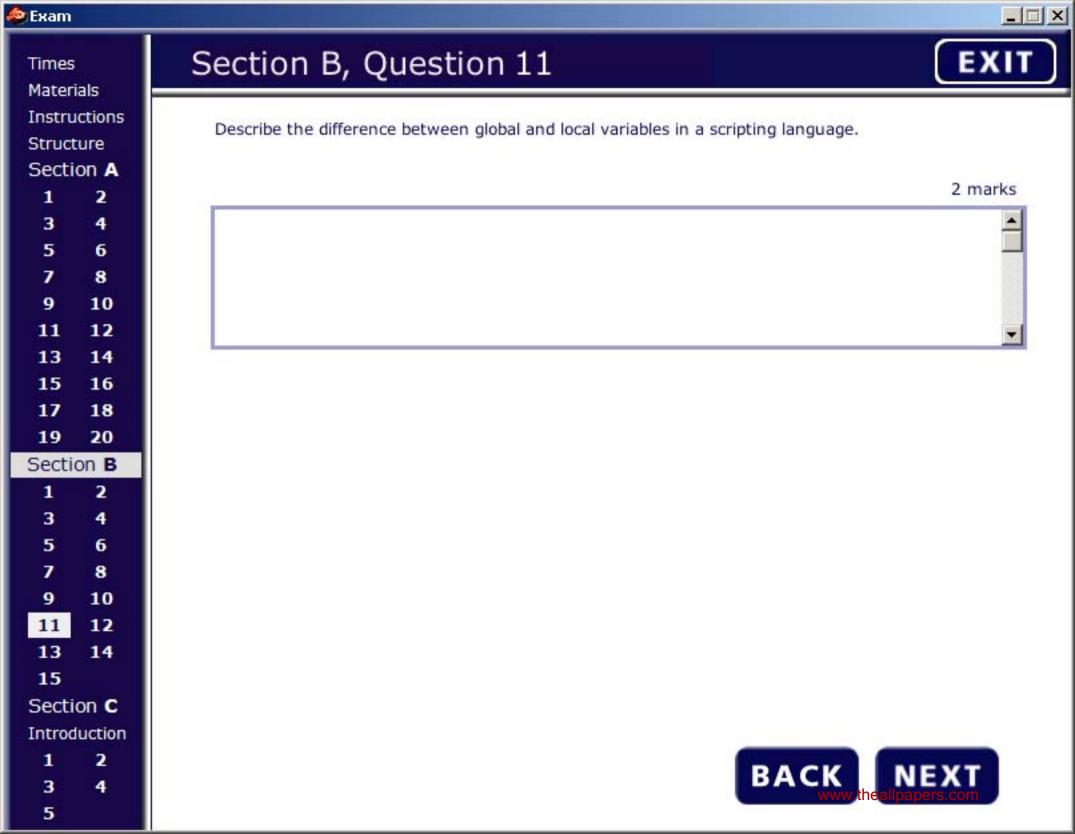
















Times

Materials

Instructions

Structure

Section A

1 2

3 4 5 6

7 8

9 10

11 12

14

15 16

13

17 18

19 20

Section B

1 2

3 4

5 6

7 8

9 10

11 12

13 14

15

Section C

Introduction

1 2

3 4

5

Section B, Question 12



A web site project you are working on will include a page which enables users to pay their accounts online. This page includes a scripted program that compares the amount owed with the amount paid and gives an appropriate message. Testing has shown that the message is always wrong. The recording of the amounts owed and paid has been tested and is faultless. The pseudocode algorithm below shows the logic which has been used to write the script which processes amountOwed and amountPaid.

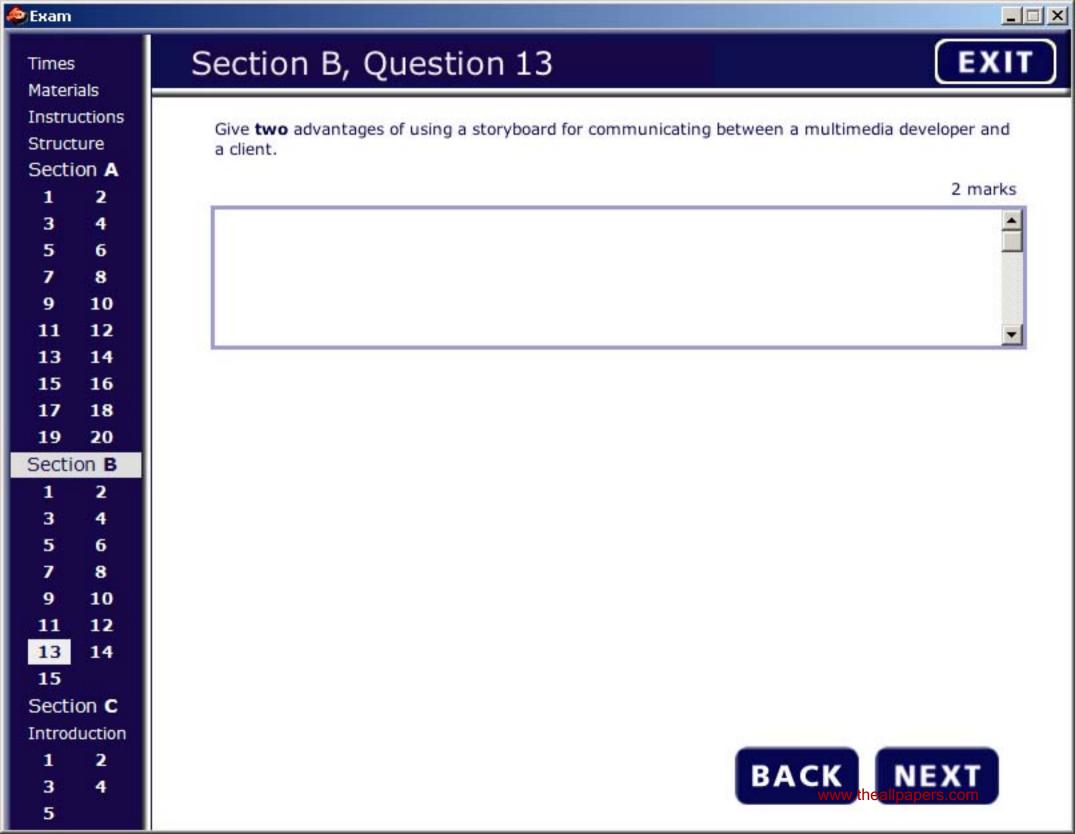
Line number

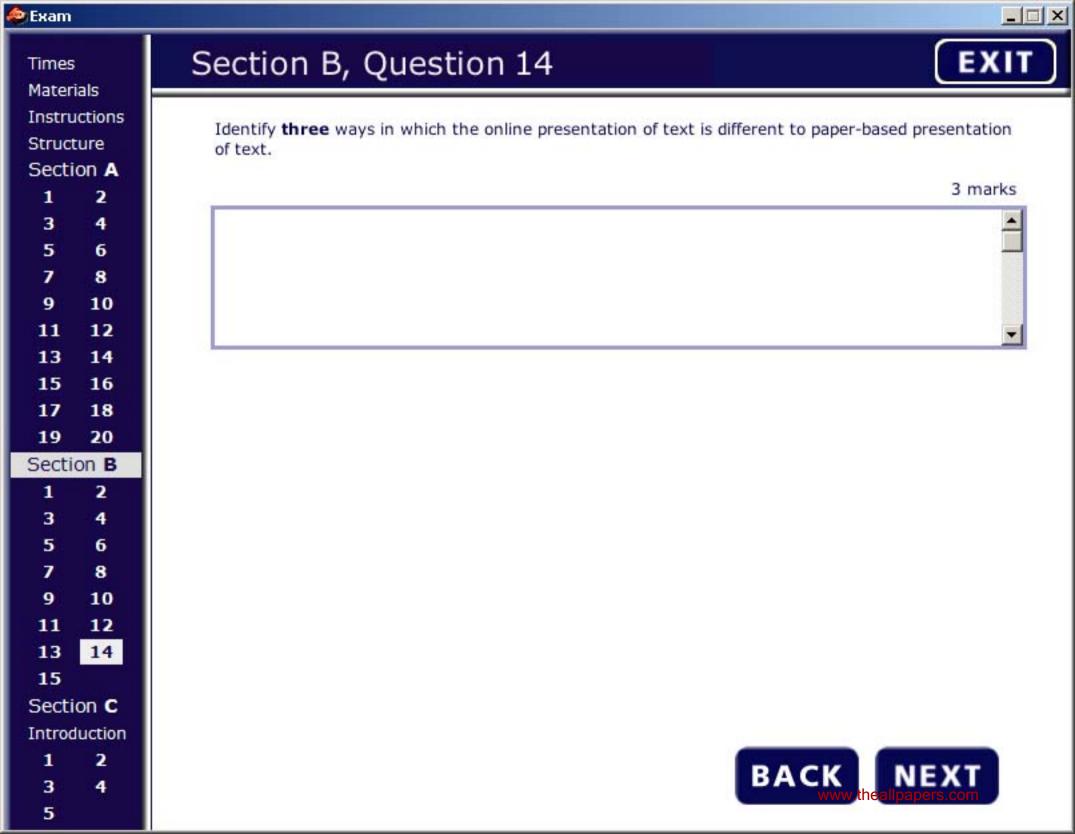
1	Start
2	If amountPaid > amountOwed then
3	difference = amountOwed - amountPaid
4	message = 'You have overpaid your account by' + difference + 'dollars'
5	else
6	difference = amountOwed + amountPaid
7	message = 'You have underpaid your account by' + difference + 'dollars'
8	end if
9	Print message
10	Finish

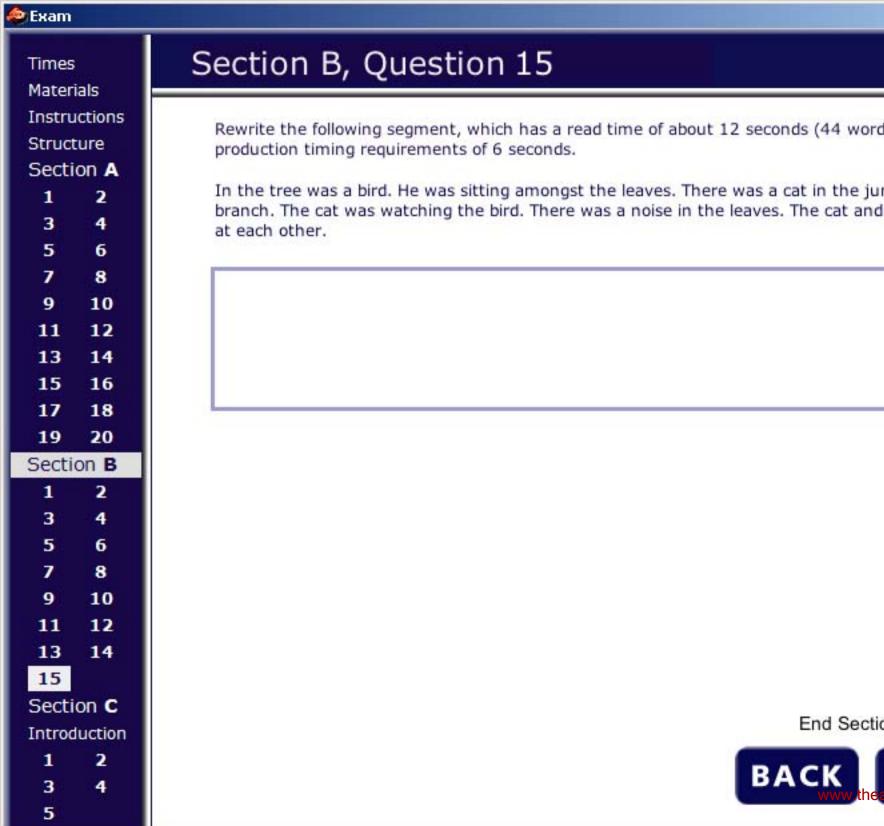
State **three** reasons why a script based on the above algorithm will give an incorrect message. Identify the line you are referring to if appropriate.

6 marks











_ | X |

Rewrite the following segment, which has a read time of about 12 seconds (44 words), to fit the

In the tree was a bird. He was sitting amongst the leaves. There was a cat in the junction of the branch. The cat was watching the bird. There was a noise in the leaves. The cat and the bird looked

2 marks



End Section B

