UNIT 9

1.

The audience needs to be considered when creating an ICT solution.

(a) Describe what factors need to be considered for the age of the audience.

The younger the audience:

The more images rather than text and also large font,bright colours

The older the audience:

More formal language is used and more formal font

[2]

(b) Describe what factors need to be considered for the interests of the audience.

The content needs to be precise/correct.

The language/tone used needs to be appropriate.

Respects the audience.

[2]

2.

The network manager of the organisation has been asked to record the details of the employees who have been provided with laptops. The network manager has decided to produce an online data capture form.

Describe the main design features that should be considered to make the online data capture form easy to complete accurately.

Auto-complete to speed up the process to add addresses.

Character boxes to make it easier to type in the data.

Good use of white space to make it easier to read.

Layout of form to make it easier to read.

Easy to understand instructions to help fill out the form correctly.

Use of radio buttons/tick boxes for gender.

Font size to make it easier to read.

Font style so it is easier to read.

[4]

3. There are safety issues related to bringing laptop computers into the college. The Network Manager has decided to produce a paper-based certificate for students to prove that their laptop computer is safe to use.

    Describe the main features that should be considered for the design of this certificate.

    Text size should be easy/large enough to read.

    Font style should be easy to read.

    Make good use of white space so data fills the certificate.

    Enough space in which to enter the answers in the text boxes.

    Make good use of colours to make it easy to read.

    [4]

4. Explain why data protection legislation is required.

    It provides guidance/best practice rules for organisations to follow on how to use personal data

    Regulates the processing of personal data

    Protects the rights of the data subject

    Helps to prevent personal data being misused by third parties

    Protects personal data

    [4]

5.

A teacher is creating a revision website for her students. The website contains information taken from a number of different sources including published books. These sources are protected by copyright.

(a) State what the teacher needs to do to ensure that she does not break copyright rules when she publishes the website.

Must contact the copyright holders
She must ask permission to use the material
She should acknowledge whether material was copyright free or not
She should acknowledge the sources for the material

....

.... [2]

(b) Explain the principles of software copyright.

Users must not lend/rent/sell the software to other people
User must not install the software on a network when other users can access
it unless it is a network version
Users must not modify/plagiarise the software

....

....

.... [3]

(c) Explain why copyright legislation is needed.

Prevents theft of intellectual material
Protects the copyright of the owner of the software
Prevents plagiarism
To ensure people are rewarded for their endeavours

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.... [3]

6.