Friday 25 May 2018    Morning    Time allowed: 1 hour 30 minutes

Materials
For this paper you must have:
• your Sample Work. Attach it with a completed and signed
  Candidate Record Form to this question paper/answer booklet at
  the end of the examination.

Instructions
• Use black ink or black ball-point pen. Use pencil only for drawing.
• Fill in the boxes at the top of this page.
• Answer all questions.
• You must answer the questions in the spaces provided. Do not write outside
  the box around each page or on blank pages.
• Do all rough work in this book. Cross through any work you do not want
  to be marked.

Information
• The marks for questions are shown in brackets.
• The maximum mark for this paper is 80.
• Question 7 should be answered in continuous prose.
• In this question you will be marked on your ability to use good English, organise information clearly and use
  specialist vocabulary where appropriate.

Warning
If you do not hand in both this question paper/answer booklet and your Sample Work, it may not be possible to
issue a result for this unit.
### Section A

Answer all questions in the spaces provided.

<table>
<thead>
<tr>
<th>Question</th>
<th>Task Description</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Name two or more currently available storage media, giving examples of what they can be used for.</td>
<td>6 marks</td>
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</tbody>
</table>
Evaluation of any ICT solution involves assessing its effectiveness against the client’s requirements for that solution. Using example(s) of client requirements, explain how you would evaluate the effectiveness of a solution.

[4 marks]

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Turn over for the next question
Selecting appropriate software is very important when using ICT to solve a problem.

Give an example of a problem you have solved, stating the software you used and explaining how the functionality of the software helped you to produce an effective solution.

[7 marks]
Describe the techniques you could use to ensure that data entry into an ICT system is robust.

[8 marks]
<table>
<thead>
<tr>
<th>5</th>
<th>Answer this question using the Sample Work that you have brought into the examination with you.</th>
</tr>
</thead>
<tbody>
<tr>
<td>回答所有问题在提供的空间。</td>
<td></td>
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</tbody>
</table>

For this question:
- you must give the page number of where the evidence for your answer may be found in your Sample Work.
- you must write the question number in the margin of that page in your Sample Work.

<table>
<thead>
<tr>
<th>5 (a)</th>
<th>Give the page number in your Sample Work where you have included your problem identification.</th>
</tr>
</thead>
<tbody>
<tr>
<td>问题 (a)：提供在你的样作中，你已经包括了你的问题识别的页码。</td>
<td></td>
</tr>
</tbody>
</table>

Page ________________

In your Sample Work, write ‘5(a)’ in the margin of that page next to your evidence.

Describe, using examples from your Sample Work, what you included in your problem identification.

[6 marks]

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5 (b) Give the page number in your Sample Work where you identify your client’s requirements.

Page ________________

In your Sample Work, write ‘5(b)’ in the margin of that page next to your evidence.

Explain, using examples from the client’s requirements in your Sample Work, why you needed to identify and clearly document what these requirements were. [6 marks]

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5 (c) One reason for testing a solution is to ensure validity of data input. What other reasons are there for testing? [3 marks]

5 (d) Give the page number in your Sample Work where your test plan starts.

Page ________________

In your Sample Work, write ‘5(d)’ in the margin of the page where your test plan starts.

With reference to your test plan, test data and testing evidence, describe and justify tests you have carried out for two different reasons. [10 marks]

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6 To prevent health issues, regular computer users need specialist equipment at their workstation.

Describe the equipment that should be provided, the health issues it would prevent and how that equipment would prevent the health issues.

[10 marks]
A number of ICT students from the UK are being given the opportunity to take part in a three-week exchange with ICT students in a European country.

In the first week they will attend a school and then in weeks two and three they will be on work placement with local IT firms.

The students will have to write a daily journal, keep records of their spending and keep in touch with family and friends. They will also be required to keep up to date with their school/college work while they are away and create a photographic record to present to other students on their return.

Discuss the hardware and software that the students will need to take with them. [20 marks]

In this question you will be marked on your ability to use good English, to organise information clearly and to use specialist vocabulary where appropriate.

This space is available for planning your answer, if you wish to use it.