MODULE R EXAM TECHNIQUE · R3

Command words and what they are asking for

Original practice questions · 20 marks · ~25 minutes · OCR J277 spec section 3d (command words), 1.1.1, 1.2.2, 1.2.3, 1.2.5, 1.3.1, 1.3.2, 2.1.3

Name _____ Date _____

Instructions. Answer all questions in the spaces provided. The marks for each part are shown in brackets [ ]. Before you write, find the command word in each question and ask yourself what kind of answer it wants. The total for this worksheet is **20 marks**.

1

Total: 4 marks

Here are five meanings of command words used in OCR exams.

A. Give a detailed account that includes reasons or causes.
B. Give a specific name, value or other brief answer, without explanation.
C. Give a brief account or summary.
D. Give a detailed account of a situation, event, pattern or process.
E. Make more efficient, improve, modify or edit.

Write the letter (**A** to **E**) of the meaning that matches each command word. Each letter may be used once or not at all. **[4]**

Command word	Letter
State	
Describe	
Explain	
Refine	

2 **Total: 4 marks**

You do **not** need to answer the four exam questions below. Read each one, find its command word, and decide what kind of answer it is asking for.

Tick (✓) **one** box in each row. **[4]**

Exam question	A short answer: a name, value or fact, with no explanation	A detailed account of what happens (reasons not needed)	An account that gives reasons (why)
Describe how a linear search looks for an item in a list.			
Identify the network topology in which every device connects to one central switch.			
Explain why a smartphone is likely to use solid state storage.			
State the purpose of the program counter (PC).			

3 **Total: 4 marks**

A furniture maker's website shows a photo of every item for sale. Parts (a) and (b) are on the same topic. Notice how the command word changes what you need to write.

(a) Describe what happens to an image file when lossy compression is applied to it. **[2]**

(b) Explain why the furniture maker might use lossy compression on the photos on the website. **[2]**

4 **Total: 3 marks**

An exam question says: **"Compare wired and wireless connections for the computers in an office."** This answer was written for it:

> *"Wireless connections let staff move their laptops around the office. They are also quick to set up because no cables need to be laid."*

(a) State why this answer does not do what the command word **Compare** asks for. **[1]**

(b) Write **two** further points that would improve the answer. Each point must refer to **both** wired and wireless connections. **[2]**

1

2

5 **Total: 3 marks**

An architecture firm backs up 2 TB of drawings every Friday. The office manager then takes the backup device home for the weekend, so it travels in a bag every week.

(a) Identify the most suitable type of secondary storage for this backup. **[1]**

(b) Justify your choice. **[2]**

6 **Total: 2 marks**

A voice recorder samples sound at 8,000 Hz with a bit depth of 16 bits.

Calculate the file size, in kilobytes, of a 10-second recording. Show your working. **[2]**

Answer: ..... KB

Total for this worksheet: 20 marks