The questions on this worksheet have been taken from the Additional OCR GCSE Computing Specimen Paper

6-A-Day – Computer Science GCSE (5)

Q1

Peter takes a high resolution picture with a digital camera. The picture is stored in a bitmap file.

Peter wants to send the picture as an email attachment.

State two methods for reducing the size of the picture file so that it is suitable for sending as an email.

Method1

....

....

Method 2

....

.... **[2]**

Q2

Ali's new computer uses a single-user, multi-tasking operating system.

What is a **single-user** operating system?

....

....

....

.... **[2]**

What is a **multi-tasking** operating system?

....

....

....

.... **[2]**

Q3

Ali's new computer uses a single-user, multi-tasking operating system.

Discuss the utility programs Ali will need, justifying why he needs them.

....

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.... **[6]**

The questions on this worksheet have been taken from the Additional OCR GCSE Computing Specimen Paper

Q4

A classroom in a primary school has 6 stand alone computers. The school decides to connect them to form a LAN.

(a) What is a LAN?

....

.... [1]

(b) State two advantages of connecting the computers into a LAN.

Advantage 1 ....

....

Advantage 2 ....

.... [2]

Q5

Davinder is a music student. She needs to take her files from her home computer into college.

Identify a method of storage which is suitable for taking her music files into college.

....

....

State why this method is suitable.

....

.... [2]

Q6

A program includes the following code.

```
If A > B Then
    A = B
    B = A
End If
```

(a) The code uses the variables A and B.

Describe what is meant by a variable.

....

....

....

.... [2]