Name: Class: Mark:

1. One operating system that is used is Microsoft Windows 10. Name two other operating systems that are commonly used today. [2]

2. Operating systems are one type of system software. Name one other type of system software. [1]

3. Explain the purpose of application software. [1]

4. One type of utility program is defragmentation software.

(a) Describe how defragmentation software works to improve the operation   
of a computer. [3]

(b) Explain why defragmentation software is not required for solid-state drives. [2]

5. A new children’s toy called “My first computer” has been created.

It will come pre-loaded with “FirstComp software” which will be used to open and close programs. One program called “Connect Me!” will allow a parent to configure the toy so that it connects to a Wi-Fi connection. The child or parent will be able to install educational games to the computer. One of these games is called “Times table Challenge”.

For each item of software in the table below, tick the appropriate box to classify   
the type of software. [3]

|  |  |  |  |
| --- | --- | --- | --- |
| **Software** | **System software** | | **Application software** |
| *Utility software* | *Operating system* |
| FirstComp |  |  |  |
| Connect Me! |  |  |  |
| Times table Challenge |  |  |  |

[Total 12 marks]