**THEORY ASSIGNMENT-2**

1. There are a number of different types of computer. Write down the type of computer that best fits the following descriptions.

(a) A computer that is difficult to move and has a separate monitor and keyboard. ...........................................................................................................................................................[1]

(b) A portable computer that includes a physical keyboard. ...........................................................................................................................................................[1]

(c) A thin portable computer that has a touch screen and a battery in a single unit, not normally used to make phone calls. ...........................................................................................................................................................[1]

(d) A mobile phone that can be used as a computer. ...........................................................................................................................................................[1]

1. Computer operating systems have developed since early computers used Command Line Interfaces (CLI). Many computers now use Graphical User Interfaces (GUI), some of which are capable of using touch screen technology. Compare and contrast CLI and GUI. ........................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................... ......................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................[6]
2. Give **four** advantages of SSD compared to HDD.

1……………………………………………………………………………………………………………………………………………………….……………………………………………………………………………………….

2……………………………………………………………………………………………………………………………………………………….……………………………………………………………………………………….

3……………………………………………………………………………………………………………………………………………………….……………………………………………………………………………………….4…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….[4]

1. People now tend to buy laptops rather than desktop computers. Despite this, desktop computers are still fairly popular.Describe **three** advantages of using a desktop computer rather than a laptop computer.

1…………………………………………………………………………………………………………………..…………………………………….…………………………………………………………………………………………………………………………………………………………………………………………………….

2………………………………………………………………………………………………………………….…………………………………….…………………………………………………………………………………………………………………………………………………………………………………………………….

3………………………………………………………………………………………………………………….…………………………………….…………………………………………………………………………………………………………………………………………………………………………………………………[3]

1. Give three functions of an operating system.

1………………………………………………………………………………………………………………………………………………………………………………………………………………………………………2………………………………………………………………………………………………………………………………………………………………………………………………………………………………………3……………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

[3]

1. Explain each of the following terms:
2. RAM……………………………………………………………………………………………………………….………………………………………………………………………………………………………………………...………………………………………………………………………………………………………………………...……………………………………………………………………………………………………….[2]
3. Motherboard…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………[2]