**IMMACULATE CONCEPTION BOYS – MUKUYU**

**EXAM 1 TERM 3 2018**

**FORM 1**

***COMPUTER STUDIES***

**NAME** **ADM. No**

**INSTRUCTIONS: ANSWER ALL QUESTIONS**

1. Define the following (4mks)
   1. A pointer
   2. Mouse
   3. Keyboard
   4. Firmware
   5. What is a computer system? (2mks)
   6. List the three entities of a computer system (3mks)
2. Name four classification of input devices and give one example in each of them. (4mks)
   1. Write the following acronyms in full (2mks)
      1. OMR
      2. OBR
      3. RAM
      4. ROM
   2. Explain two application areas of MICR (2mks)
   3. Name four examples of register (4mks)
   4. List and explain the three elements of a CPU (6mks)
   5. Name and explain the two types of RAM (2mks)
   6. There are two types of ROM whose data can be erased. What are their names? (2mks)
   7. From the two ROMs mentioned above, list the methods used for erasing data in them. (2mks)
   8. What are special purpose memories?
   9. Complete the table below

|  |  |
| --- | --- |
| **Special Memory** | **Place where it is found** |
| 1. *Register* | *Microprocessor* |
|  |  |
|  |  |

* 1. Define a byte (1mk)
  2. Calculate the number of bytes in the following
     1. 0.25 kilobytes (2mks)
     2. 0.21 megabytes (2mks)
  3. Explain the three main functions of the main memory (3mks)
  4. List two examples of output devices (2mks)
  5. What is the importance of proper cabling in the computer laboratory? (1mk)
  6. A peripheral device is a device found outside the system unit. Name and explain two peripheral devices used as input devices. (2mks)
  7. What do you understand by the term computer BUS? (2mks)
  8. Explain three types of computer BUSES (6mks)

1. A computer must go through the process of booting/initialization before use.
   1. Briefly explain the term “computer booting” (1mk)
   2. Outline two reasons why it is important to shut down the computer using the correct procedure? (2mks)
   3. List any three types of keyboards available in the market today. (3mks)
   4. State two advantages of voice/speech input devices (2mks)
   5. Give three advantages of using a laser jet printer as compared to a dot matrix printer. (3mks)
   6. Give three factors to consider when purchasing a printer. (3mks)