**IMMACUCATE CONCEPTION BOYS MUKUYU**

**EXAM 1 TERM 1 2018**

**FORM 2**

**COMPUTER STUDIES**

**NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ADM. No.\_\_\_\_\_\_\_\_\_\_\_\_\_**

**INSTRUCTIONS: ANSWER ALL QUESTIONS**

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1. Name any three classification of computer hardware. (3 marks)

2. Write the following acronym in full. (3 marks)

O C R

OMR

MICR

3. Differentiate between a peripheral device and a computer on board device. In each case, state one example. (3 marks)

4. (a) What does the term “toggle keys” on the computer keyboard stand for. (1 mark)

(b) Name two toggle keys on the keyboard. (2 marks)

5. (a) Define the term computer software. (1 marks)

(b) Give and explain two types of software classified according to purpose. (4 marks)

6. a. State any 5 types of ports on a computer system unit. (5marks)

b. Give out three advantages of Universal Serial Bus cables. (3marks)

7. a. Flash disks are edging floppy disks out of market. Give three reasons why. (3marks)

b. Give out three forms of compact disks. (3marks)

c. Using a well labelled diagram explain how data is organized or stored in a disk.

 (6marks)

8. State two functions of the control unit of a computer. (2 marks)

9. State two advantages of CD – ROM over magnetic disk. (2 marks)

10. When purchasing a computer, the clock speed, RAM speed, hard disk size and monitor size are often quoted. State the Unit for measuring. (2 marks)

(i) clock speed

(ii) RAM size

(iii) Hard disk size

(iv) Monitor size

11. State five factors that should be considered before buying an input device. (5 marks)

12. List any four programs that always run in the background when a computer is started.

 (4 marks)

13. State for characteristics which make computers better than human beings. (4 marks)

14. Highlight advantages of flat-panel display over CRT monitors. (4 marks)

15. List five factors that determine the cost of a computer. (5 marks)

16. Name any three hardware details that should be considered before installing any software.

 (3 marks)

17. State the role of the following utility software in a computer system. (2 marks)

(a) Merge

(b) Compressor

(c) Antivirus

18. List five uses of computer in entertainment. (5 marks)

19. Give three advantages of digital over analog data. (3 marks)

20. List five precautions to take when handling a diskette. (5 marks)

21. List and explain the classification of computers according to size in a descending order.

 (8marks)