COMPUTER SCIENCE

Marks : 50

Std : XI   *Ln-1 Introduction to Computers*   **Time : 1.30 hrs**

I. Choose the correct answer: 15x1=15

1. The first calculating device is

    a) Analytical Engine   b) ENIAC   c) Abacus   d) Slide rule

2. In which generation, micro computer series such as IBM and Apple was developed?

    a) First   b) Second   c) Third   d) Fourth

3. Which of the following is a second generation computers?

    a) EDVAC   b) IBM 1620   c) UNIVAC1   d) Honeywell 6000 series

4. The conversion of data to information is called

    a) Data operation   b) Data management   c) Data processing   d) Data digitization

5. Name the volatile memory.   a) ROM   b) PROM   c) RAM   d) EPROM

6. Which is pointing device?   a) Mouse   b) Keyer   c) Light pen   d) Both a and c

7. Which is a non-impact printer?

    a) Dot matrix printers   b) Laser printer   c) Line Matrix printers   d) None of these

8. Which device produces graphical output on papers?

    a) Scanner   b) Touch screen   c) Plotter   d) Track ball

9. In which type of mouse a small ball is kept inside the mouse?

    a) Optical mouse   b) Mechanical mouse   c) Laser Mouse   d) All of these

10. The expansion of VGA is   a) Video Graphics Adapter   b) Video Graphics Array

    c) Visual Graphics Adapter   d) Voice Graphics Array

11. Every task given to a computer follows an _____ cycle.   a) NLP   b) OPI   c) DPI   d) IPO

12. In which generation, the operating system was developed?

    a) First   b) Second   c) Third   d) Fourth

13. Physical components of a computer are called

    a) Software   b) Data   c) Information   d) Hardware

14. Which device is similar to the upside-down design of the mouse?

    a) Scanner   b) Fingerprint scanner   c) Track ball   d) Retinal scanner

15. _____ transfers OS from hard disk into main memory.

    a) POST   b) IPO   c) Bootstrap loader   d) Linker

II. Answer any 5 questions. Q.No.20 is compulsory.   5x2=10

16. What is a computer?

17. Write a note on printer. Write its types.

18. What are the characteristics of a computer?

19. Write a short note on retinal scanner.

20. Differentiate input and output unit with example.

21. Name the different set of keys available in the keyboard.

III. *Answer any 5 questions. Q.No.23 is compulsory.*   *5x3=15*

22. Differentiate optical and laser mouse.

23. Write a short note on inkjet printers.

24. Write a short note on barcode / QR code reader.

25. Write the significant features of monitor.

26. Write a note on impact printers.

27. Distinguish between data and information.

IV. *Answer the following questions:*   *2x5=10*

28. Explain the basic components of a computer with a neat diagram.

(OR)

Write a note on i) Scanner   ii) OCR   iii) Digital camera   iv) Multimedia projectors   v) Speakers

29. Discuss the various generations of computers.

(OR)

Explain in detail about booting of computer and its types.

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