FIRST MID TERM TEST - AUGUST - 2023

11 - STD **COMPUTER SCIENCE**

Time Allowed : 1.30 Hours **Max. Marks : 35**

PART - I

I. Choose the correct answer. **10X1 =10**

1. Name the Volatile memory
   a) ROM b) PROM c) RAM d) EPROM
2. Identify the Input device
   a) Printer b) Mouse c) Plotter d) Projector
3. Howmany bytes does 1kb contain?
   a) 1024 b) 1000 c) 8 d) 4
4. 2 ^ 50 is referred as
   a) Kilo b) Tera c) Peta d) Zetta
5. Which gate is called as Logical Inventor?
   a) AND b) NOT c) OR d) XNOR
6. Which is the fastst memory?
   a) Hard disk b) Main c) Cache d) Blue Ray
7. What is the Smallest size of data prepresented in a CD
   a) Blocks b) Sector c) Pits d) Tracks
8. Operating system is a ---- software
   a) Application b) Hardware c) System d) Component
9. ---- Operating sytem support mobile deives
   a) Windows b) Linux c) Boss D) IOS
10. ----- is a single task operating system.
    a) MS - DOS b) Linux c) Windows d) Unix

PART – II

II Answer to any ~~five~~ Three questions . **3 x 2 = 6**

11. What is a Computer.
12. What is the function of ALU?
13. Distinguish Data and Information.
14. Convert 41_{10} into Binary number?
15. What is Boolean Algebra?
16. What is GUI?

PART – III

III Answer any ~~five~~ three questions . **3 x 3 = 9**

17. Explain any three Output device.
18. Write the characteristics of Sixth generation.
19. Find out : $20_{10} + 25_{10}$ (Binary Addition)
20. Differentiate PROM and EPROM.
21. What are the different operating systems used in computers and mobiles?

PART – IV

IV Answer all the questions. **2 x 5 = 10**

22. Explain - Generations of Computers. **(OR)**
    Explain the basic components of a computer with a neat diagram.
23. Explain the types of ROM. **(OR)**
    Explain the Process Management Algorithm in Operating systems.

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