SILVER JUBILEE MATRICULATION HR SEC SCHOOL., MAYILADUTHURAI
JULY MONTHLY TEST - 2018

STD:XI   COMPUTER SCIENCE   MARKS:50

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I. CHOOSE THE BEST ANSWER   10 X 1= 10

1. Operating system is …………………..
   a) System software   b) Application software   c) Both   d) None
2. Which of the following is mobile based operating system.
   a) android   b) IOS   c) Both   d) None
3. First generation computer use…..
   a) Vacuum Tubes b) Transister   c)IC   d) Microprocessor
4. …………is a primary Memory.
   a) RAM   B) ROM   C) POST   D) BIOS
5. . What is the 1's complement of 11001100
   a) 00110011   b) 11001100   c) 11001101   d) 00110010
6. A+A = …………..
   a) A   b) 1   c) 0   d) 11
7. Which is the following is a CISC processor?
   a) Intel p6   b) AMD K6   c) Pentium III   d) Pentium IV
8. USB means……………
   a) Universal Serial Bus b) Universal Serial Bort   c) Universal Serial Bit d)None
9. ……….is the input device.
   a) Mouse   b) Scanner   c) OCR d) All of this
10. When system start a initial stage is called ……………booting.
    a) Cold   b) Warm   c) Both   d) None

II ANSWER ANY 4 OF THE FOLLOWING (Q.No 11 is compulsory)   4 x 2 = 8

11. Define : Keyboard
12. Find Decimal value of $(2AB)_{16}$
13. What are the characteristics of a micro processor?
14. What is Instruction set?
15. What is computer?
16. List out the different distributions of Linux operating system.

III. ANSWER ANY 4 OF THE FOLLOWING (Q.No 17 is compulsory)   4 x 3 = 12

17. Explain XOR gate?
18. Write ISCII?
19. Define : HDMI and PROM
20. What is output device? Explain briefly any one of the output device?
21. Explain : Android & IOS
22. What is software ? explain its types?

IV. ANSWER THE FOLLOWING   2 X 5 = 10

23. Explain various generations of computer?

     OR

   Find BINARY, OCTAL & HEXA DECIAL for following number . a) 256   b) 150
24. Explain the process management algorithms in operating system.

     OR

   Define: i)RAM   ii) ROM   iii) DVD

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