

Quarterly Exam - 2013

STD – XI

Important Two Marks and Five Marks Questions

1. What is a computer?
2. What is information?
3. What is an operating system?
4. What is an AND operator?
5. What is product term?
6. Convert 36_{10} to Binary using sum of powers method.
7. What are the components of a digital computer?
8. Write down the essentials of stored program concept.
9. What is meant by memory access time?
10. What are registers?
11. List down the fundamental logical gates.
12. What is full adder?
13. What is flip flop?
14. What are the common mouse actions?
15. How can we customize the desktop?
16. What is clipboard?
17. What are the different types of files?
18. What is the Run command used for?
19. What are the ways which information can be viewed in windows explorer?
20. What is difference between copying and moving?
21. How will you create a Keyboard shortcut?
22. What are the attributes used along with tags?
23. Define the term Protocol.
24. What is the use of Style tag?
25. Explain the line break tag.
26. What are peripheral devices?
27. Define data.
28. What do you mean by Algorithm?
29. List out classification of computers based on configuration?
30. Convert $(27)_8$ to decimal.
31. Define sum of products (sop).
32. Convert $(91)_{10}$ to binary number.
33. List few commonly used output devices.
34. What is the role of ALU?
35. What is meant by PIXEL?
36. What is a Bus?
37. What is a logic gate?
38. What is a half adder?
39. Define AND gate.
40. What is Universal gates?

41. What is Windows XP?
42. What is word wrap?
43. What is Desktop?
44. What is folder and files?
45. What is a windows Explorer?
46. What are the sections in web document?
47. What do you make image as a hyperlink?
48. Define URL.
49. What is the use of font tag?
50. Do the following signed binary arithmetic operations. A) $10_{10} + 15_{10}$
51. Find the decimal equivalent. A) $2C_{16}$
52. What is a storage device?
53. What is a sequential circuit?
54. Give the truth table of XOR gate?
55. What is WordPad?
56. What is the difference between copy and move?
57. Define WWW.
58. What are web browsers?
59. What is Microsoft front page?
60. What is the function of break tag?
61. Convert $(160)_{10}$ to octal.
62. What is a BIT?
63. What is a screen saver?
64. What is use of Frame tag?
65. What is a Laptop computer?
66. Convert 1011_2 Binary number to Decimal number.
67. What is Analog data?
68. Define MICR.
69. Define RAM.
70. What is a combinational circuit?
71. What is document file?
72. What is HTML?
73. Convert the decimal number 512 to Octal number.
74. Write -27_{10} as a 8 – bit 2's complement number.
75. What is Boolean Algebra?
76. What is Multisim?
77. What is a home page?
78. What is meant by "FORMAT"?
79. What are the three kinds of lists in HTML?

Five Marks Questions :

1. Describe the Generations of Computer. ****
2. Evaluate the following using 2s Compliments.
a. $-12_{10} + 5_{10}$ b. $14_{10} - 12_{10}$
3. Explain the types of Memory. ***
4. Explain the various types of printers.
5. Draw the Logic circuit of Half adder and explain with truth table.
6. What are the sizing buttons available on a window? Explain.
7. Explain some of the dialog boxes used in windows.
8. What are the ways in which the selected files are moved?
9. Explain the special features available only in windows XP professional.
10. What are the types of Lists available in HTML. ****
11. Discuss the classification of Digital computer.
12. Explain in detail the functions of CPU. ***
13. Convert the following decimal numbers to Hexa decimal numbers. a) 512 b) 1729 c) 160
14. Simplify the following Boolean expression : $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} \overline{C} + A \overline{B} C + A B C$ ***
15. Realize the Boolean function to a logic circuit. $E = \overline{A} B + \overline{B} C + A B C$
16. Write the truth table for the Boolean expression $(\overline{A} + \overline{B} + \overline{C})$
17. Simplify the following Boolean expressions.
A) $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} \overline{C}$ _____
B) $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} \overline{C} + A B C$ _____
18. Convert the Boolean function. A) $E = \overline{A} + (B \cdot C) + \overline{D}$
19. List few commonly used Input devices and Explain briefly. ***
20. List the explain the few commonly used output devices.
21. Explain the following logic gate with the help of truth table. a) AND gate b) OR gate c) NOT gate
22. What are the different types of logic gates? Explain with the help of truth tables and give an example for each gate.
23. What is control panel? Describe briefly some of icons found on the control panel. ****
24. List some win keys with its function. ***
25. Describe the different parts of window. **
26. What are the advantages of windows XP?
27. Distinguish between CD-RW, CD-R.
28. Explain the classification of computers based on their configuration.
29. Write a HTML code to create a table of 3 rows and 3 columns.
30. Describe in detail the various units of the central processing units. **