

Name **Chapter 1.Worksheet 1** **Grade X1**

1. Raw facts are called.....
2. Processed data is known as
3. The activities performed to convert data in to information is called
4. Feeding data in to the computer is known as
- 5.....helps us to take decisions.
6. The data is entered in to the computer through
- 7.Theis the brain of a computer.
8. ALU stands for
- 9.....unit controls all other part of the computer.
10. Printer is an example of
11. The result supplied to the outside world through
12. The number of symbols used in a number system is called
13. MSD means
14. A bit stands for.....
15. The base of octal number system is
16. Find MSD in the decimal number 7824.
17. Write the binary equivalent of $(10)_{10}$.
18. Find the largest number in the list
(a.1001 b.(A)₁₆ c.(10)₈ d.(11)₁₀
19. Number of bits in a word is called
- 20.Ais a fixed sized group of bits handled as a unit
21. The two parts of a floating point notation are.....and
.....
22. ASCII stands for.....
23. ASCII is abit representation.
24. ASCII 8 is also called.....
25. EBCDIC stands for.....
26. ISCII stands for
27. Using 8 bit ASCII we can represent.....characters.
28. Write the short form of the image file BMP,TIFF,GIF,PNG,JPEG

Answer the following:

29. Explain the difference between data and information?
30. What is data processing?
31. Explain the different stages in data processing?
32. Explain the functional units of a computer (with a block diagram).
33. Explain storage unit?
34. Which are the components of CPU?
35. Explain the characteristics of a computer?
36. What is data representation?
37. Explain representation of numbers?
38. Explain representation of characters?
39. How to represent -119 in 1's compliment?
40. Represent +34 in sign and magnitude form
41. Represent -38 in 2s compliment form?