

General Instructions:

- All questions are compulsory.
- Q 1 to 3 and 8 to 10 are of 1 marks each
- Q 4 to 5 and 11 to 18 are of 2 marks each
- Q 6 to 7 are of 4 marks each
- Q 19 to 20 are of 3 marks each.

1. Example of popular OS is: a) Word b) Windows c) Excel d) Notepad
2. Volatile memory: a) ROM b) RAM. c) PROM d) None of these
3. Data is saved for later access on a) RAM b) Primary memory c) Secondary Memory d) None of these
4. Draw the block diagram of a computer system.
5. Name two software of proprietary type OR name two software of open source software category.
6. Name the input or output device used to do the following:  
A) To output audio B). To enter textual data  
C) To make the hard copy of a text file. D) To display the data or information E) To enter audio-based command F) To build 3D models G) To assist a visually-impaired individual in entering data
7. Identify the category (system, application, programming tool) of the following software:  
a) Compiler b) Assembler c) Windows10. d) Text editor
8. Write any two system software.
9. Write any two application software
10. Which operating system is installed on your computer at home or school?
11. Convert  $(122)_{10}$  to octal number
12. Convert  $(67)_{10}$  to binary number
13. Convert  $(122)_{10}$  to hexadecimal number
14. Convert  $(1101)_2$  into decimal number
15. Convert  $(257)_8$  into decimal number
16. Convert  $(10101100)_2$  to octal number.

17. Write base values of binary, octal and hexadecimal number system
18. Give full form of ASCII and ISCII
19. Encode the word 'COMPUTER' using ASCII and convert the encode value into binary values
20. What is the advantage of preparing a digital content in Indian language using UNICODE font?