

Guru gobind Singh Public School  
Sector 5/B, Bokaro Steel City  
Information Technology Assignment 2018-19

**I. MCQ:**

1. Which of these software is used for compressing the files?  
a) WinZip                      b) Tally                      c) Sybase                      d) None of these
2. The assembly language used symbols instead of numbers which are known as  
a) compiler                      b) Mnemonics                      c) Interpreter                      d) all of these
3. C, Java and Visual Basic are some of the common example of  
a) Machine language                      b) Assembly language  
c) High Level language                      d) Very high level language
4. Which of these is not a component of a computer network?  
a) Sender                      b) Protocol                      c) Data                      d) Speaker
5. E-commerce implies:  
a) Exchange of message between two or more users in a real time.  
b) buying and selling goods and services on the internet.  
c) Ability to interact and transact with anything, anytime or anywhere with mobile devices.  
d) None of these

**II. Fill in the blanks:**

6. The .....is that part of the CPU which controls each operation.
7. The software instructs the .....what to display on the user's screen.
8. The .....acts as the interface between the users and the hardware.
9. DTP stands for .....
10. An .....translates a user-written program into the machined language line by line.
11. One of the characteristics of an effective communication is .....which implies that the data must be delivered error free.
12. The speed of the modem is measured in .....
13. A .....carries data from the sender to the receiver.
14. ....cable has RJ-45 connectors at its both ends.

**III. State True or False :**

15. A compiler converts any high level language program to machine language in one go.
16. Adobe PageMaker is an example of a database management system.
17. Decryption is the process of converting a file of folder to a format that cannot be read by others.

18. A programming language is a formal language which includes a set of syntactic and semantic rules to write computer programs.
19. An internal modem does not require to be individually switch off.

#### **IV. Answer given questions:**

20. What do you mean by cell referencing? Explain the different types of cell referencing with example.
21. Write types of charts available in Excel/Calc. Explain any three with diagram.
22. In relation to Excel/ Calc formulae, answer these questions-
  - a) Cell B8 contains the formula =AVERAGE(B10:D12). What will be the contents of the cell B9 if formula in cell B8 is copied to cell B9?
  - b) Cell B8 contains the formula =AVERAGE(\$B\$10: \$D\$12). What are the contents of the cell B9 if formula in cell B8 is copied to cell B9.
  - c) Cell B8 contains the formula =AVERAGE(B\$10: D\$12). What are the contents of the cell B9 if formula in cell B8 is copied to cell B9.
  - d) Suppose the cell C8 contains the formula =A1+\$A\$2+ \$A3+ A\$. The formula is copied to D10. Write the formula found in D10.
23. Given below are the names of few devices. Categorise them as input, output and storage devices.  
Track, Webcam, OCR, LCD monitor, Microphone, Memory Stick, Hard Disk, Speakers, Printer.
24. Explain any three types of computers along with their uses.
25. Explain three characteristics of software.
26. Define computer network. Explain the components of the computer network.
27. Name any two protocols that are used in communication via computer network.
28. What are the different types of computer networks? Explain any two advantages of each of them.
29. What are the various transmission media used for wired networking? Explain any two.
30. What is encryption? How can you read an encrypted file?

#### **V. Application based questions:**

31. Rakhi wants to send her birthday pictures to her friend who was not able to attend her birthday. She wants to attach 200 pictures. It is taking a lot of time to attach the files size is very large. Suggest her utility software that can reduce the size of the files and make uploading faster.