

Dr. MPS MEMORIAL COLLEGE OF BUSINESS STUDIES

BBA 1st SEMESTER

**QUESTION BANK: FUNDAMENTAL OF COMPUTERS & INFORMATION
TECHNOLOGY (JAN – 2022)**

1. (a) Define Computer? Also explain the various features of computer system.
(b) Explain in detail the history of computer; also explain the evolution process of it.

2. (a) Draw a block diagram of basic components of a computer system. Explain each component in detail.
(b) Explain the various characteristics of computer system?

3. Explain the input and output devices with their full description.

4. Explain the types of various computers.

5. Convert the following Numbers.
 - a) $(10101)_2 = (?)_{10}$
 - b) $(1110001)_2 = (?)_{10}$
 - c) $(62)_8 = (?)_{10}$
 - d) $(2085)_8 = (?)_{10}$
 - e) $(1CE)_{16} = (?)_{10}$
 - f) $(2AF)_{16} = (?)_{10}$

6. Convert the following Number System.
 - a) $(85)_{10} = (?)_2$
 - b) $(954)_{10} = (?)_2$
 - c) $(624)_{10} = (?)_8$
 - d) $(257)_{10} = (?)_8$
 - e) $(351)_{10} = (?)_{16}$
 - f) $(6812)_{16} = (?)_{16}$

7. Convert the following Number System.

a) $(534)_8 = (?)_{16}$

b) $(101011)_2 = (?)_8$

c) $(624)_8 = (?)_2$

d) $(11101)_2 = (?)_8$

e) $(3B1)_{16} = (?)_2$

f) $(AC2)_{16} = (?)_8$

8. a) Differentiate between the characteristic of primary and secondary memory of computer.

b) Define the terms: Compiler, interpreter, Assembler, Loader, and Linker.

c) Differentiate between High level, Machine & Assembly level language.

d) What is Algorithm define it? Write algorithm for find factorial of a given number?

e) What is flow chart? Draw a flow chart for find out maximum no. among three numbers.

f) What is RAM & ROM? Differentiate between both.

g) What is Cache Memory? How it reduce the mismatch of processor and main memory speed?

h) Explain the magnetic Disk storage organization.

9. a) Define the software. List and explain the types of software. Give two example of each category.

b) Explain the difference between impact & non-impact printer. Also, explain the printing mechanism of Laser printer.

c) What do you understand by computer network? Explain the different types of computer network.

d) Compare between LAN, MAN & WAN network.

10. a) Write four differences between each of the following:

i) Router and Gateway ii) Ring topology and Star topology

b) What is communication media in Networking? List two physical communication media.

11. a) What is Word processor? Explain different features of word processing.

b) What is Mail-Merge? Explain the different steps of mail merge.

c) What is Electronic spread sheet? Explain different features.

d) Explain the process of adding header & footer in word document and also putting page number.

12. a) Sona oil mills had the following sales figures for the first two quarters of the year 2013

Sr.	ITEM	Q1 sales(liter)	Q2 sales(liter)
1	Mustard oil	1560	2345
2	Sesame oil	102	132
3	Groundnut oil	2023	1089
4	Coconut oil	754	432

What the different features are of excel with the help of which the sales performance of Q1 can be compared with that of Q2?

b) What is the use of filter in ms-excel explain?

13. What is power point presentation? Explain its advantages & features.

14. What are the macros in ms-excel?

15. Neha is the relationship manager of Telecom Company. Her manager wants her to maintain a database of all the customers of different district of Rajasthan in a manner that she is able to provide the information to the manager gender wise, district wise, locality wise and various other parameters quickly. Suggest tool from Microsoft Excel.