

1. Attempt **all** questions.
2. Draw **neat labeled diagrams** wherever necessary.
3. Use of **log tables** and **non-programmable calculators** is **allowed**.
4. For **Q 2, Q 3 and Q 4** attempt A and B **OR** C and D.

**Q 1 Do as directed: (any fifteen)**

15

1. Spellings can be verified in Word documents using \_\_\_\_\_.  
a) Spell Checker b) Word Art c) Find and replace function d) all of these
2. \_\_\_\_\_ can be used for writing letters.  
a) MS - Word b) MS Powerpoint c) MS excel d) None of the above
3. \_\_\_\_\_ is used for inserting formulas in spreadsheet applications.  
a) + b) = c) \ d) #
4. A letter can be drafted by using \_\_\_\_\_.  
a) MS - Word b) MS Powerpoint c) MS excel d) None of the above
5. The processing of data in the computer is done by \_\_\_\_\_.  
a) Processor b) RAM c) HDD d) SSD
6. Name any one default button on Quick Access Toolbar of MS-Word
7. What is the shortcut key for copying?  
a) Ctrl + V b) Ctrl + X c) Ctrl + C d) Ctrl + D
8. Digital Subscriber Line is also known as \_\_\_\_\_.  
a) LAN b) WAM c) MAN d) DSL
9. A set of rules that governs communication between devices on a network. a) Protocol b) Node c) LAN d) WAN
10. A network that is confined to a relatively small area.  
a) LAN b) WAN c) WWW d) all of these
11. A device connected to a network is known as \_\_\_\_\_.  
a) Node b) Router c) Switch d) LAN
12. Universal Resource Locator is known as \_\_\_\_\_.  
a) URL b) UTRL c) UNRL d) URLo
13. A device that connects two or more networks together and routes data between them.  
a) Router b) CPU c) RAM d) CD-ROM
14. A network that is confined to a relatively small area.  
a) LAN b) WAN c) WWW d) all of these



15. Standard deviation is denoted by \_\_\_\_\_.
16. Calculate range of all odd numbers between 1 to 20
17. The shape of the curve with the Gaussian distribution is \_\_\_\_\_.
18. State true or false :- Percentile is used to compare students scores in competitive exams.
19. Fifty bottles of water were randomly selected from a large collection of bottles in a company's warehouse. The large collection of bottles is referred to as the \_\_\_\_\_  
a. sample      b. population      c. range      d. parameter
20. There are 25 boxes of blue colour and 10 boxes of red colour, here the colour of the box is \_\_\_\_\_ variable.  
a. qualitative      b. quantitative      c. microscopic      d. economic

Q. 2 A Give an account on different parts of the computer. 08

Q. 2 B Explain any two output devices. 07

OR

Q. 2 C Give any 7 important points in making a presentation. 08

Q. 2 D Write any 4 parts in the basic layout of MS-Word. 07

Q. 3 A Give a detailed account on Computer Viruses with 2 examples. 08

Q. 3 B List different uses of the internet. 07

OR

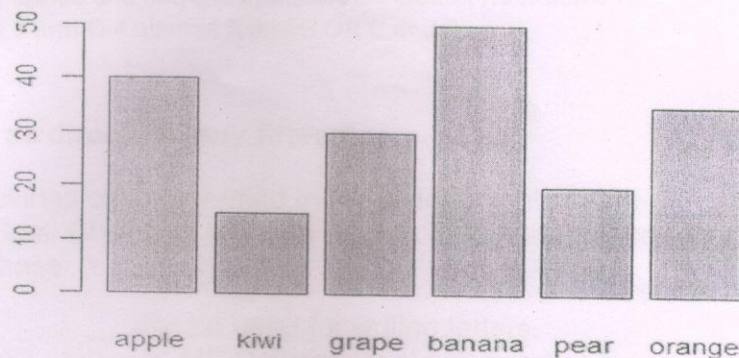
Q. 3 C Give a detailed account on different Topologies of Networks with diagrams. 08

Q. 3 D Explain basic structure of email and give protocols used in email clients. 07

Q. 4 A Calculate mean, median, mode and range for the following data: 08  
1, 3, 5, 7, 2, 4, 6, 8, 10, 9, 10, 5, 5, 4, 6, 2, 8, 4, 5, 5



- Q. 4 B** Interpret the following graphical representation. Title: Choice of fruits eaten during short break in school going children. **07**



OR

- Q. 4 C** Describe four methods of probability sampling strategies with examples **08**

- Q. 4 D** Find mean for the following data: **07**

Class Interval	0-10	10-20	20-30	30-40	40-50	50-60
Frequency	20	10	7	5	5	3

- Q. 5** Do as directed (Any Two) **15**

- Any two functions of operating system
- FTP
- Spreadsheet softwares.
- Classification of Data.
- Applications of biostatistics in various fields.