BASICS OF COMPUTER AND INFORMATION TECHNOLOGY

Code No. : 2225

Time : 2:30 Hours]

[Maximum Marks : 50

NOTES :

i) Attempt **all** questions.

ii) Students are advised to specially check the Numerical Data of question paper in both versions. If there is any difference in Hindi Translation of any question, the students should answer the question according to the English version.

iii) Use of Pager and Mobile Phone by the students is not allowed.

Q1) Answer any two of the following: [2 × 5 = 10]

   a)   Differentiate multiprogramming and time sharing operating system.

   b)   What are the different types of operating system? Discuss.

   c)   Describe internal and external DOS commands with example.

Q2) Answer any two of the following: [2 × 5 = 10]

   a)   Describe the history & development of linux operating system.

   b)   Explain the three main components of a linux system with a diagram.

   c)   Explain DOS commands with syntax:

      i)   Xcopy

      ii)   REN

      iii)   DIR/P/W

Q3) Answer any two of the following: [2 × 5 = 10]

   a)   What is the difference between RAM and ROM?

   b)   Define computer and explain various types of computer.

   c)   What is output device? Discuss any two output devices.

Q4) Answer any two of the following: [2 × 5 = 10]

   a)   What do you mean by R/W memory? Explain BIOS.

   b)   How WAN is different from LAN? Explain use of Router, switch and gateway.

   c)   Define the term information. Discuss different qualities of information.

Q5) Write short notes on any two of the following: [2 × 5 = 10]

   a)   GUI and CUI.

   b)   Transmission mode and topology.

   c)   Remote desktop connection.