Roll No.

Total No. of Questions: 07

Total No. of Pages: 01

B.Sc.(IT/BCA) (Sem.1)
INFORMATION TECHNOLOGY
Subject Code: BSIT/BSBC 104
Paper ID:B1111

Time: 3 Hrs.

Max. Marks: 60

INSTRUCTIONS TO CANDIDATES:

1. **Section A is COMPULSORY consisting of TEN Questions carrying TWO marks each.**

2. **Section B contains SIX questions carrying TEN marks each and students have to attempt any FOUR questions.**

SECTION A

1. Answer the following questions in short:

   a) What do you mean by problem solving with computers?

   b) How characters are represented in computers?

   c) Explain Binary multiplication with an example.

   d) Differentiate between RAM and ROM.

   e) Write the working mechanism of Laser printer.

   f) Differentiate between Compiler, Interpreter and Assembler.

   g) Explain the anatomy of Windows.

   h) What are the types of data the cell of a spreadsheet can have?

   i) What is WWW?

   j) What is the difference between Intranet and Extranet?

SECTION B

2. Draw a block structure of a computer and discuss its characteristics.

3. What are Input and Output devices? Discuss any three input and output devices.

4. Define an Operating System. Discuss the various types of operating systems in detail.

5. What are the essential features of a Word Processing software? Discuss with examples.

6. What do you mean by a network topology? Discuss various network topologies giving merits and demerits of each.

7. What are the various threats to computers? Discuss the security management tools.