

**BSCIT/2<sup>ND</sup>/BIT07-COMPUTER ORGANIZATION & ARCHITECTURE**

**Assignment (Full Marks – 30): (Answer all questions)**

1. Explain the difference between structure and behavior property of digital system.
  2. What do you understand by design levels in the design of computer system?
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**BSCIT/2<sup>ND</sup>/BIT08-MATHEMATICS**

**Assignment (Full Marks – 30): (Answer all questions)**

1. What do you mean by Sets? Also explain intersection of sets using Venn diagram.
  2. Find inverse of the function  $e^x = y + \sqrt{1 + y^2}$  .
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**BSCIT/2<sup>ND</sup>/BIT09-OPERATING SYSTEM**

**Assignment (Full Marks – 30): (Answer all questions)**

1. What do you mean by process? Also explain different states of process.
  2. Define scheduling. Also explain one of the scheduling techniques.
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**BSCIT/2<sup>ND</sup>/BIT10-TECHNICAL COMMUNICATIONS**

**Assignment (Full Marks – 30): (Answer all questions)**

1. Define communication. Discuss the nature of communication.
  2. Define letter writing? Also write a letter for settlement of claim by the insurance company.
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**BSCIT/2<sup>ND</sup>/BIT11-COMPUTER NETWORK**

**Assignment (Full Marks – 30): (Answer all questions)**

1. What is meant by network topology?
  2. What is ISDN? Discuss its relevance.
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