Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 02

Total No. of Questions : 07

BCA (2013& Onwards)/B.Sc.(IT)(2015 & Onwards)(Sem.–1)
INFORMATION TECHNOLOGY
Subject Code :BSIT/BSBC-104
M.Code : 10046

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTION 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 a student has to attempt any FOUR questions.**

SECTION-A

1. **Answer briefly :**

    a) Convert binary number 10011101 into hexadecimal number.

    b) Differentiate RAM and ROM.

    c) What are the benefits of application software?

    d) Write the applications of OCR.

    e) Write the advantage of mail-merge.

    f) Explain the advantage of star network topology.

    g) Write advantages of Laser Printer.

    h) What are the applications of FTP?

    i) Discuss worms.

    j) Write the use of Firewall.

SECTION-B

2. a) Draw and explain the Block Diagram of Computer.

   b) Explain the generations of computer.

3. Discuss the use of computer languages in development of software's. What are the advantages of high level languages?

4. Explain the use of Tables in adding and deleting the records in word processing by taking suitable example.

5. a) Discuss the role of Operating System. What is its significance?

   b) Give the concept of charts and graphs in spreadsheet?

6. What is need of Networking in Information Technology? Discuss different types of Networks.

7. Explain the different methods of securing the computer from various threats.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.