Sr. No. of Question Paper : 5243   F   **Your Roll No**...............

Unique Paper Code   : 290563

Name of the Paper   : CAA : Computer Applications-I

Name of the Course   : **B.A. (Prog) Application Course**

Semester   : V

Duration : 3 Hours   Maximum Marks : 45

Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.

2. **Section A** is compulsory.

3. Attempt any **three** questions from **Section B**.

Section A

1. (a) Differentiate between:

       (i) Multitasking and Multiprocessing OS

       (ii) Half Duplex and Full Duplex transmission

       (iii) Webpage and Website

       (iv) LAN and WAN   (2×4=8)

   (b) Give full forms of:

       (i) HTTP

       (ii) FTP   (1)

   (c) Describe the functions of input and output units in a computer system. (2)

   (d) Write short notes on:

       (i) RAM

       (ii) OMR   (4)

Section B

2. (a) What is a register? Name any five registers with their functions.   (6)

    (b) What is Cache memory? Also, explain different levels of Cache memory.

                                                                                     (4)

3. (a) Explain the memory hierarchy with the help of a diagram.   (4)

    (b) Explain any three types of printers.   (6)

4. (a) Describe briefly any three functions of an operating system.   (6)

    (b) What do you understand by data communication? Also, explain the fundamental characteristics of effective data communication.   (4)

5. (a) Explain any two types of transmission media.   (4)

    (b) Explain any two applications of Internet.   (4)

    (c) Differentiate between: Upload and download.   (2)

6. (a) Explain briefly two advantages of using a DBMS.   (2×2=4)

    (b) Explain the concept of primary, candidate and foreign keys in a database with a suitable example.   (6)