Roll No. ☐☐☐☐☐☐☐☐☐☐

S. No. of Question Paper : **5292**

Unique Paper Code : **290563**   **D**

Name of the Paper : **Application Course : Computer Applications—I**

Name of the Course : **B.A. (Programme)**

Semester : **V**

Duration : **3 Hours**   Maximum Marks : **45**

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

Question No. **1** is compulsory.

Attempt any *three* questions form Q. No. **2** to Q. No. **6**.

1. (*a*) Write short notes on (any *three*) :   3×2=6

   (*i*)   Data dictionary

   (*ii*) Web server

   (*iii*) Plotters

   (*iv*) ROM

   (*b*) Explain the functions of Control Unit and ALU.   4

   (*c*) What do you understand by "Line of sight" transmission ? Explain any *two* examples where signals propagate along line of sight.   3

   (*d*) Differentiate between Entity and Attribute with suitable examples.   2

2. (*a*) What is RAM ? How does it interact with processor and storage device (Hard disk) ?   5

(*b*) Differentiate between Multitasking and Multiprocessor O.S..   2

(*c*) Describe any *three* functions of an operating system.   3

3. (*a*) What is guided media ? Explain any *three* types of guided media.   4

(*b*) Write short notes on :   6

    (*i*) Telnet

    (*ii*) FTP

    (*iii*) Commerce through Internet.

4. (*a*) Differentiate between :   6

    (*i*) Download and Upload

    (*ii*) Online and Offline

    (*iii*) Field and Record.

(*b*) What is a touch screen ? Is it an input device or an output device ? Justify your answer with a suitable example.   4

5. (*a*) What is a key ? Explain the concept of foreign key, primary key, candidate key and alternate key with suitable examples. 5

(*b*) Draw block diagram of a computer system. Explain each components of the same. 5

6. (*a*) List the various categories of users using DBMS. 3

(*b*) Describe how data integrity and security are maintained in a database management system. 4

(*c*) Explain the various types of data transmission modes with suitable examples. 3