

This question paper contains 3 printed pages]

Roll No.

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S. No. of Question Paper : 5292

Unique Paper Code : 290563

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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

P.T.O.

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