This question paper contains **2** printed pages]

Roll No. ☐☐☐☐☐☐☐☐☐☐☐

S. No. of Question Paper : **250**

Unique Paper Code : **290563**   **G**

Name of the Paper : **Computer Applications-I**

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

Semester : **V**

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

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

Section A is compulsory.

Attempt any *three* questions from Section B.

Section A

1. (*a*) Write short notes on :   4

    (*i*) Cache memory

    (*ii*) Optical fibre.

    (*b*) Differentiate between : Printers and Plotters.   2

    (*c*) Define the term "Operating System". Give any *two* examples of operating systems.   2

    (*d*) What is a web browser ? Explain the different types of web browsers with
    examples.   3

    (*e*) What is the smallest unit of data that a computer can deal with ? How may bytes are
    there in 1 MB ?   2

    (*f*) Differentiate between "Field" and "Record" in the context of DBMS.   2

                                                                           P.T.O.

Section B

2. (a) Explain the components of a computer system with a block diagram.   5

   (b) What is a System Bus ? Name and explain the different components of a system Bus.   4

   (c) What are registers ?   1

3. (a) What is ROM ? Explain any *four* types of ROM available.   5

   (b) Describe briefly any *two* pointing devices.   5

4. (a) Describe any *three* types of operating system.   6

   (b) What do you understand by data transmission mode ? Explain briefly the various transmission modes possible.   4

5. (a) How is a client-server network different from peer-to-peer network ?   4

   (b) What is URL ? Describe the structure of URL with suitable examples.   6

6. (a) Define DBMS. Explain the various components of DBMS.   5

   (b) Explain any *two* advantages of DBMS.   5