

This question paper contains 2 printed pages]

Roll No.

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S. No. of Question Paper : 250

Unique Paper Code : 290563

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Name of the Paper : Computer Applications-I

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

Semester : V

Duration : 3 Hours

Maximum Mark:

*(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 :
  - (i) Cache memory
  - (ii) Optical fibre.
- (b) Differentiate between : Printers and Plotters.
- (c) Define the term "Operating System". Give any *two* examples of operating system
- (d) What is a web browser ? Explain the different types of web browsers examples.
- (e) What is the smallest unit of data that a computer can deal with ? How many byte there in 1 MB ?
- (f) Differentiate between "Field" and "Record" in the context of DBMS.

**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