

5248

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- (b) Explain how data is transmitted over an optical cable. (3)
- (c) Describe any four applications of internet. (4)

(200)

[This question paper contains 4 printed pages.]

20/11/17

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Your Roll No.....

Sr. No. of Question Paper : 5248

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Unique Paper Code : 290563

Name of the Paper : Computer Application – 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 ROM and RAM. (2)
- (b) List the main functions of the control unit. (2)
- (c) What is Multitasking Operating System? Give an example. (2)

P.T.O.

- (d) Differentiate between Half Duplex and Full Duplex Data Transmission modes. (3)
- (e) 1 KB = _____ bytes. (1)
- (f) Define : (i) Entity, (ii) Attribute (2)
- (g) Give full forms of : FTP, EPROM. (2)
- (h) Name any two pointing devices. (1)

SECTION B

2. (a) Discuss the need of cache memory in a computer system. Explain the different kinds of cache available. (5)
- (b) Explain the working of a Computer System with the help of a diagram. (5)
3. Write short note on following I/O devices : (10)
- (a) Mouse
- (b) Touch Screen
- (c) Printer
- (d) Joystick
- (e) Monitor

4. (a) Explain five basic components of a data communication system. (5)
- (b) What is the function of following registers : (2)
- (i) PC
- (ii) DR
- (c) Describe briefly the functional components of a system bus. (3)
5. (a) Describe briefly any five functions of an operating systems. (5)
- (b) Explain any five benefits provided by DBMS over conventional approaches. (5)
6. (a) Define the terms : (3)
- (i) Browser
- (ii) URL
- (iii) Website