

This question paper contains 3 printed pages]

Roll No.

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S. No. of Question Paper : 61

Unique Paper Code : 234151

E

Name of the Paper : Computer Fundamentals

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

Semester : I

Duration : 3 Hours

Maximum Marks : 45

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

Question paper has two parts.

Part I : Question No. 1 is compulsory.

Part II : Attempt any *three* questions.

Part I

1. (a) What is Motherboard ? 1
- (b) What do you mean by Word size ? 1
- (c) Explain different types of system bus. 3
- (d) Convert hexadecimal number into binary number : 1
- (e) Give the full form of : 2

PROM

OCR

WWW

MAN

P.T.O.

- (f) Name any *two* Network Topologies. 1
- (g) Write applications of Touch Screen. 2
- (h) What is I/O Port ? 2
- (i) What is operating system ? 2

Part II

2. (a) Explain the factors which affect the performance of Computer. 4
- (b) Describe DVD-ROM. 2
- (c) Write a note on various types of Rom. 3
- (d) Give *one* function of BIOS. 1
3. (a) Describe the different features of Hard Disk. 4
- (b) What is Flash memory ? 2
- (c) Write features of Magnetic Tape. 3
- (d) Define FAT. 1
4. (a) Explain different types of Impact printers. 4
- (b) Describe features and working of Digitizing Tablet. 3
- (c) Define Barcode Reader. 2
- (d) What is Plotter ? 1
5. (a) Perform the following conversions : 5
- (i) $(110.101)_2 = (?)_{16}$

$$(ii) (397)_{10} = (?)_2$$

$$(iii) (2B.C4)_{16} = (?)_{10}$$

$$(iv) (71.3)_8 = (?)_2$$

$$(v) (15.27)_{10} = (?)_2$$

- (b) Define the purpose of system software. 3
- (c) What is Hub ? 2
6. (a) What is E-mail ? How does E-mail work ? 4
- (b) Describe the working of search engine. 3
- (c) What is Telnet ? 2
- (d) What are services provided by Internet ? 1