This question paper contains **3** printed pages]

Roll No.

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

$$(A2.B1)_{16} = (?)_2$$

(*e*) Give the full form of : 2

PROM

OCR

WWW

MAN

(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