

This question paper contains 2 printed pages]

Roll No.

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S. No. of Question Paper : 6655

Unique Paper Code : 62341101

FC

Name of the Paper : Computer Fundamentals (Under CBCS)

Name of the Course : B.A. Programme

Semester : I

Duration : 3 Hours

Maximum Marks : 75

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

Q. No. 1 is compulsory.

Attempt any *Five* questions from Q. No. 2 to Q. No. 8.

1. (a) Explain any *five* uses of computer. 5
- (b) Explain *five* functions Operating System. 5
- (c) Differentiate between the following : 10
 - (i) Optical Disks and Magnetic Disks.
 - (ii) Input and Output Devices.
- (d) - Explain the term Cloud Computing. 5
2. Explain any *five* types of Microcomputers. 10

P.T.O.

3. (a) Subtract $(11101110)_2$ from $(1010001)_2$. 5
(b) Add $(1011101)_2$ and $(101101)_2$. 5
4. Convert the following : 10
(i) $(111001.1101)_2$ to Octal.
(ii) $(26435.625)_{10}$ to Hexadecimal.
(iii) $(AB.A8)_{16}$ to Decimal
(iv) $(325.67)_{10}$ to Binary
(v) $(567.25)_8$ to Decimal
5. (a) Differentiate between Primary and Secondary memory. 5
(b) Explain Magnetic Tape. 5
6. (a) Differentiate between Printer and Plotter. 5
(b) Explain any *two* pointing devices. 5
7. (a) Describe any *two* types of ports. 5
(b) What are registers ? Explain any *two* types of registers. 1+4
8. Write short notes on (any *four*) : 10
(a) Embedded systems
(b) Bluetooth
(c) System Software
(d) Antivirus
(e) e-library