

COMPUTER APPLICATION

(Theory — 4)

Full Marks : 80

Time : 3 hours

Answer any five questions

Figures in the right-hand margin indicate marks

1. (a) Name four input devices used in PC. 2
(b) Differentiate between RAM and ROM. 6
(c) Define computer. Explain classification of computers. 8
2. (a) What is ALU? 2
(b) Define software. Discuss various types of software with examples. 6
(c) Define operating system. Explain different types of operating system. 8
3. (a) Define algorithm. 2

(Turn Over)

(2)

- (b) Define virus. How can you prevent and detect virus attack? 6
- (c) Discuss about the key features of computers of each generation. 8
4. (a) State the different types of loops in C. 2
- (b) Draw a flowchart to print the average of 10 random numbers. 6
- (c) Write a C program to find out whether a number is odd or even. 8
5. (a) Define Array. 2
- (b) Compare and contrast between the features of DOS and UNIX operating system. 6
- (c) Define Internet. Discuss about the various application areas of Internet. 8
6. (a) Define Pointer. 2
- (b) Explain different types of internet connectivity. 6

(3)

- (c) Discuss various types of operators provided by 'C' language. 8
7. Write short notes on any four : 4 × 4
- (i) Programming languages
- (ii) Secondary memory
- (iii) Windows operating-system
- (iv) Structure in 'C'
- (v) Input device
- (vi) e-mail.
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