

COMPUTER APPLICATION

(Theory – 1(b))

Full Marks : 80

Time : 3 hours

Answer any five questions including Q. Nos. 1 & 2

Figures in the right-hand margin indicate marks

1. Answer the following questions : 2 × 10
- (a) What are the principal components used in 2nd and 3rd generation computer ?
 - (b) Define GUI.
 - (c) Define FTP.
 - (d) What is internet ?
 - (e) What is the difference between file and folder ?
 - (f) Define flowchart.
 - (g) What are the various data types available in 'C' language ?
 - (h) Write down the equivalent C expression for $b^2 - 4ac$.
 - (i) Define array.
 - (j) What is ALU ?
2. Answer any five questions : 6 × 5
- (a) Give a brief idea about the classification of computers.
 - (b) Define compiler. How it is different from Interpreter ?
 - (c) Explain about different types of file access method.
 - (d) Discuss about different functions of operating system.
 - (e) What is E-mail ? Explain the features of E-mail.
 - (f) What is loop ? Explain different types of loops in 'C' with syntax.
 - (g) Draw a flowchart to find out the largest number among three numbers.
3. Define memory. Give the characteristics of different types of memory of a computer system. 10
4. Draw a flowchart and write a program in 'C' to find out factorial of a given number 'n'. 10

(Turn Over)

5. What do you mean by network topology ? What are the major types of network topologies ? Explain each type in brief. 10
6. What is virus ? How does virus spread and what are the symptoms of virus attack ? 10
7. Write short notes on (any two) : 5 × 2
- (i) Software
- (ii) WINDOWS Operating System
- (iii) Arithmetic relational operators in 'C'.



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