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II– Sem/COMMON/2019(S)(New)

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 : 2 × 10

- (a) Define hybrid computer.
- (b) What is CPU ?
- (c) What do you mean by multitasking operating system ?
- (d) Define WWW.
- (e) Define algorithm.
- (f) What is folder ?
- (g) Differentiate between constants and variables in C program.
- (h) State the different types of relational operators provided by C.
- (i) Define protocol.
- (j) What do you mean by compiler ?

2. Answer the following : 5 × 6

- (a) Discuss the generation of computer. Explain the key features of computers of each generation.
- (b) Compare the features of DOS and WINDOWS operating system.
- (c) Define software. Describe various type of software and briefly explain them.
- (d) What is file access ? Explain the various types of file access method.
- (e) Define network. Explain various types of network.
- (f) Draw a flowchart to convert temperature from degree Celsius to Fahrenheit.

3. Explain the components of computer with a block diagram. 10

4. Draw a flowchart and write a program in 'C' to find out whether a number is odd or even. 10

5. Define operating system. Explain different types of operating system. 10

6. What is topology ? Explain various types of topologies. 10

(Turn Over)

7. Write short notes on (any two) :

- (i) Loops in C
  - (ii) Virus
  - (iii) Data transmission mode
  - (iv) Arrays in 'C'.
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