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ED-2656

B.Sc. (Part-I)
EXAMINATION, 2021
COMPUTER SCIENCE
Paper Second
(Programming in C Language)

Time : Three hours   **Maximum Marks : 50**

Note : *Attempt any two parts from each question. All questions carry equal marks.*

Unit–1

1. (a) What are data types in 'C' Language ? Explain it.

   (b) Explain the unformatted I/O Functions.

   (c) Explain Increment and decrement operators with suitable example.

Unit–2

2. (a) Differentiate between break and continue statement with example.

   (b) Write a 'C' Program to print the number from 1 to 20 using do while loop.

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   (c) Explain call by value and call by reference using suitable example.

Unit–3

3. (a) What is an array ? Explain with example.

   (b) Describe string manipulation functions.

   (c) Differentiate between structure and union with suitable example.

Unit–4

4. (a) What is Pointer ? Explain void pointer with example.

   (b) Describe dynamic memory allocation functions.

   (c) Write a 'C' Program using array of pointer.

Unit–5

5. (a) How to perform read and write operations on file in 'C' Programming ? Explain it.

   (b) Explain file handling through command line argument.

   (c) Explain the use of following :

   (1) fprintf.

   (2) #end if.

   (3) fputc.

   (4) # define.

   (5) ferror.