

Roll No.

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Total No. of Pages : 01

Total No. of Questions : 08

BCA/DEP/B.Sc.(IT)/DCA (Sem.-1)

PROGRAMMING IN C

Subject Code : BSBC-102/BSIT-102

M.Code : 10044

Date of Examination : 05-07-21

Time : 2 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE question(s), each question carries 12 marks.

1. What is an Array? Explain the declaration and initialization of one and two dimensional arrays with the help of a C program.
2. Explain the different control statements in C with syntax and example.
3. What is a storage class? Explain the different types of storage classes with example.
4. What is the difference between call by value and call by reference? Explain with the help of an example.
5. What is a pointer? What are the different operations that can be performed on pointers? What is an array of pointers?
6. Write and explain a program to find the transpose a matrix.
7.
 - a. What is the use of Algorithms in developing a program? How it is different from Flowcharts?
 - b. Use of Switch statement in C.
8. What is operator and expression? Explain various types of operators available in C language.

Note: Any student found attempting answer sheet from any other person(s), using incriminating material or involved in any wrong activity reported by evaluator shall be treated under UMC provisions.

Student found sharing the question paper(s)/answer sheet on digital media or with any other person or any organization/institution shall also be treated under UMC.

Any student found making any change/addition/modification in contents of scanned copy of answer sheet and original answer sheet, shall be covered under UMC provisions.