

Roll No.

| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

Total No. of Pages : 02

Total No. of Questions : 16

BCA (2019 Batch) (Sem.-1)
PROBLEM SOLVING USING C
Subject Code : UGCA-1903
M.Code : 76963

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and students have to attempt any FOUR questions.

SECTION-A

Write briefly :

- Q1 Define Decision Tree.
- Q2 What is meant by pseudo code?
- Q3 Name any two types of constants.
- Q4 List any two unformatted input output functions.
- Q5 Write the syntax of WHILE loop.
- Q6 What are function prototypes?
- Q7 Define String.
- Q8 What is pointer to structure?
- Q9 What is meant by union?
- Q10 What are file pointers?

SECTION-B

Q11 a) What are data types? Explain.

b) What are logical operators? Explain.

Q12 a) Write a C program to find sum of first ten natural numbers using FOR loop.

b) What is meant by switch-case? Explain.

Q13 What is meant by function? Write a C program to demonstrate the concept of functions.

Q14 What is storage class? Write a code snippet for justifying the use of four storage classes.

Q15 What is structure? Write a C program using Student structure.

Q16 Explain different file operations performed while handling files using C language.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.