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.