

Roll No.

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MBA (2015 to 2017) (Sem.-3)**PROGRAMMING IN C****Subject Code : MBA-981****M.Code : 70759****Time : 3 Hrs.****Max. Marks : 60****INSTRUCTION TO CANDIDATES :**

1. SECTION-A contains SIX questions carrying FIVE marks each and students has to attempt any FOUR questions.
2. SECTION-B consists of FOUR Subsections : Units-I, II, III & IV. Each Subsection contains TWO questions each carrying EIGHT marks each and student has to attempt any ONE question from each Subsection.
3. SECTION-C is COMPULSORY carrying EIGHT marks.

SECTION-A

- Q1. Explain various data types used in C programming language.
- Q2. Distinguish between function prototype and function definition with the help of an example.
- Q3. Differentiate between Structure and Union with the help of an example.
- Q4. Write a program to find the sum of the first hundred natural numbers.
($1 + 2 + 3 + \dots + 100$).
- Q5. Explain various string manipulation inbuilt functions.
- Q6. Differentiate between break and continue statements.

SECTION-B**UNIT-I**

- Q7. Explain various types of operators along with their precedence and associativity.
- Q8. What is a flowchart? Explain it with the help of an example depicting various symbols used in it.

UNIT-II

Q9. Write a program to generate the pattern of numbers as given under :

5 4 3 2 1

4 3 2 1

3 2 1

2 1

1

Q10. What are storage classes? Explain in detail various storage classes.

UNIT-III

Q11. Write a program to compare 2 strings character by character using pointers. Display the similar characters found in both the strings and count the number of dissimilar characters.

Q12. Explain the various operations that can be performed on Arrays.

UNIT-IV

Q13. Explain arrays of structures with the help of a suitable example. How are they beneficial to the programmers?

Q14. Distinguish between the following functions :

a) scanf() and fscanf()

b) getc() and getchar()

c) putc() and fputc()

d) putw() and getw()

SECTION-C

Q15. Describe the functionalities of a Banking system using structures, functions and files.

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.