27127(New)

B.Sc. I Semester Degree Examination, Oct./Nov. - 2018

COMPUTER SCIENCE

MS-Office & C - Programming Techniques

Paper - 101

(New)

Time : 3 Hours Maximum Marks : 60

Instructions to Candidates:

a) Part - A : **All** are compulsory.

b) Part - B : Solve any **FIVE** questions from **7** questions.

PART - A

1. Answer the following questions. **(10 × 1 = 10)**

i) Define Word processing.

ii) What is Toolbar?

iii) Define Algorithm and Flowchart.

iv) What do you mean Compiling a C program.

v) Define constant and variable.

vi) What is an Expression?

vii) Name different types of operators.

viii) Give the syntax for formatted input statement.

ix) What is switch statement?

x) Define Array? Name the different types of Array.

PART - B

Answer any **FIVE** of the following. **(5 × 10 = 50)**

2. Explain in detail creating and saving a document in MS-word.

3. a) Explain Basic structure of C - Program.

b) Explain different symbols of Flow - Chart.

[P.T.O.

4. a) Explain Arithmetic and Relational operators in C.
   b) Write a C - program to display Fibonacci series.

5. Explain in detail formatted Input and output statements.

6. a) Write note on :
      i) Simple IF statements.
      ii) Else - IF statement.
   b) Write a C-program to find a given number is Palindrome or not.

7. a) Explain Do-While loop with syntax and Flow - chart.
   b) Explain different types of string handling function with syntax and examples.

8. Explain in detail one dimensional, two dimensional and Multidimensional arrays with examples.

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Bsc. I Semester Degree Examination, Oct/Nov. - 2019

COMPUTER SCIENCE

MS Office & C-programming Techniques

Paper - BSC 101 CS

(New)

Time : 3 Hours Maximum Marks : 60

Instructions to Candidates:

1) Answer according to the Instructions given.
2) All parts are compulsory.

PART-A

I. Answer **ALL** the following questions. **(10×1=10)**

1) Write shortcut keys for Find & Replace
2) Define algorithm?
3) Mention any two characteristics of C?
4) Mention different data types used in C?
5) Write the types of Binary Operators?
6) Differentiate between variable and constant?
7) Define key words?
8) Mention different types of looping statements?
9) Define a string?
10) Define an array?

PART-B

II. Answer any **Five** of the following?: **(5×10=50)**

1) a) Explain steps to create and saving a new document in MS-word?
   b) Explain different symbols of flow-chart?

2) Write the classification of constants and explain numerical constants in C?

[P.T.O.

3) a) Explain conditional operator with an example?

b) Convert the following mathematical expressions to C-equivalent expressions?

i) $\frac{xy}{Z}$ ii) (2x+1) (3y+Z)

iii) $2P^2+3P+1$ iv) $\sqrt{a^2+b^2}$ v) $\frac{(a+b)}{(c+d)}$

4) a) Mention the rules for scanf() statement?

b) Write a C-program to find Fibonaaci series.

5) a) Explain if ... else with syntax and flow chart?

b) Write a C-program to find a given number is Polindrome or not?

6) a) Explain for loop with syntax and flow chart?

b) Write a C-program to find Sum of digits of a number?

7) a) Explain go to statement?

b) Explain string handling functions?

8) Write a C-program for product of two matrices?

27127(New)

B.Sc. I Semester Degree Examination, March/April - 2021

COMPUTER SCIENCE

M.S office & C - Programming Techniques

Paper : 101 CS

Time : 3 Hours **Maximum Marks : 60**

Instructions to Candidates:

1) Answer according to the Instructions given.
2) **All** parts are compulsory.

PART - A

I. Answer **All** the following questions. **(10×1=10)**

1. Define Algorithm?
2. What is standard toolbar?
3. Define a constant.
4. Mention any two characteristics of C.
5. What is a comment line?
6. Write the types of logical operators?
7. Mention the types of array.
8. Mention the types of looping statements?
9. Define a string.
10. Write the syntax of output statement of C?

PART - B

II. Answer any **Five** of the following. **(5×10=50)**

1. Explain in detail the steps for creating a new document and saving a document in MS Word.

2. a) Explain the Basic structures of C-program.
   b) Explain different symbols used in flow-chart.

[P.T.O.

3. a) Explain relational operators with examples.
   b) Explain input statement of C.

4. a) Explain Arithmetic Operators with examples.
   b) Write a C-program to find area & circumference of triangle.

5. a) Explain if - else with syntax and flow-chart?
   b) Write a C-program to find the given number is palindrome or not.

6. a) Convert the following mathematical expressions to C-equivalent expressions.

   i) $\frac{(a+b)}{(c+d)}$ ii) $\frac{x+y}{a \quad b}$ iii) $(3y+2x)(5y+z)$

   iv) a^2+b+c v) $\frac{xy}{z}$

   b) Explain for loop with syntax and flow-chart.

7. a) Explain go to statement?
   b) Write a C-program to generate Fibonacci series.

8. Explain string handling functions with syntax and examples.

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B.Sc. I Semester Degree Examination, March/April 2022

COMPUTER SCIENCE (New)

DSC – I : Computer Fundamentals and Programming in C

Time : 3 Hours Max. Marks : 60

Instructions** : 1) Part – **A** : Answer **all** questions. **(10×1=10)

*2) Part – **B** : Answer **any five** questions. **(5×10=50)***

PART – A

All questions are **compulsory**. **(10×1=10)**

1. 1) What are characters of computer ?
   2) What is Machine language ?
   3) Define tokens in C.
   4) Write syntax of while statement.
   5) List logical operators in C.
   6) What is union ?
   7) What is user-defined function ?
   8) Write syntax of pointer initialization.
   9) Define static variable.
   10) What is Recursion ?

PART – B

Answer **any five** questions. **(5×10=50)**

2. a) Explain logic gates with symbols and truth table. **5**
   b) Convert the octal number 15 to decimal. **5**
3. a) Write salient features of C programming. **5**
   b) Define flowchart. Draw flowchart to reverse a given integer number. **5**

P.T.O.

4. a) Explain switch statement with appropriate example. **5**

   b) What is an Array ? How array is initialized ? Give an example. **5**

5. a) Define string handling functions. **5**

   b) Write a C program to create Fibonacci numbers. **5**

6. a) Write a C program to find factorial of given number. **5**

   b) Explain user-defined function with syntax. **5**

7. a) Explain union with demonstrative program. **5**

   b) Explain Input/Output functions in C. **5**

8. a) Write difference between arguments and parameters. **5**

   b) Write a short note on : **5**

      i) Pointers.

      ii) Structures.
