

SARDAR PATEL UNIVERSITY
BCA SEM : I EXAMINATIONS 2022

US01CBCA21 PROGRAMMING FUNDAMENTAL USING C

DATE : 14/06/2022, Tuesday

TIME : 09.00 AM TO 11.00 PM

TOTAL MARKS : 70

Q.1 Multiple Choice Questions.

[10]

1. _____ is a pictorial representation of an algorithm.
(a) Data Diagram (b) Flow Chat (c) Pie Chart (d) Program
2. What is the standard decision symbol for a flowchart?
(a) circle (b) lozenge (c) diamond (d) square
3. _____ language is problem oriented language?
(a) High level (b) Machine (c) Assembly (d) Low level
4. The value can be changed during program execution is known as _____.
(a) variable (b) constant (c) Operator (d) None of these
5. _____ format specifier used for integer data type.
(a) %d (b) %f (c) %c (d) %e
6. Do-while loop is also known as _____ loop.
(a) Entry level (b) Exit level (c) a & b (d) None of these
7. '\0' is _____.
(a) Character value (b) Null (c) Escape sequence (d) Symbolic Constant
8. The _____ string function is use to joins two string.
(a) strlen() (b) strcat() (c)strupr() (d) strrev()
9. _____ function is use for reverse the string.
(a) strcpy() (b) strlen () (c)strupr() (d) strrev()
10. _____ function is use to writing the string.
(a) scanf() (b) printf() (c) strrev() (d) strlen()

Q.2 Do As Directed.

[08]

1. The translator program used in assembly language is called _____.
2. The combination of ? and : is known as _____ operator.
3. Individual value in array is called _____.
4. If both the string are same then the comparison value is _____.
5. Abs() is return the absolute value. [T / F]
6. In two dimensional array the first subscript is define row size. [T / F]
7. int is a invalid variable name. [T / F]
8. Parallelogram is used to represent output in a flowchart? [T / F]

①

(P.T.O.)

Q.3 Short Questions : (Any 10)

[20]

1. Define Algorithm with simple example.
2. What is translator? list all translator available in C.
3. What is editor.
4. Explain if statement with example.
5. List basic data types available in c.
6. Discuss scanf() statement.
7. Explain gets() with example.
8. Explain while loop with example.
9. What is string? List out the major operation perform on string.
10. What is array? List types of array use in c programming.
11. Write the syntax for declaring string in C also gives one example.
12. Explain clrscr() function with example.

Q.4 Write Answers for the following questions. [Any 04]

[32]

1. What is flow chart? List and explain symbols used to draw a flowchart.
2. Explain machine language with advantages and disadvantages.
3. What is variable? Discuss rules for declare a valid variable in C with example.
4. List all operators available in C and explain any two with example.
5. Explain for loop with syntax and example.
6. How user can declare an array explain with syntax and example.
7. What is string? Explain the process of declaring string with example.
8. Explain the following functions with syntax and example.
 1. strlen() 2. strcpy () 3.isupper() 4. clrscr()

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(2)