



RAN - 1811000301030082

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F. Y. B. Sc. (A.T.K.T.) (Sem. – I) (Comp) Examination

March – 2023

Paper – 102-2 : Programming in C-I

Time: 1 Hour]

[Total Marks: 50

સૂચના : / Instructions

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

F. Y. B. Sc. (A.T.K.T.) (Sem. – I) (Comp)

Name of the Subject :

Paper – 102-2 : Programming in C-I

Subject Code No.: **1811000301030082**

Seat No.:

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Student's Signature

(2) All questions are compulsory.

***O.M.R. Sheet ભરવા અંગેની અગત્યની સૂચનાઓ આપેલ
O.M.R. Sheetની પાછળ છાપેલ છે.***

***Important instructions to fillup O.M.R. Sheet
are given on back side of the provided O.M.R. Sheet.***

Q. 41. What will be the output of the following C code?

```
void main()
{
    int a, m = 5;
    a = m++;
    a +=m;
    printf("a = %d and m = %d", a, m );
}
```

- A. a = 5 and m = 10 B. a = 6 and m = 11
C. a = 6 and m = 9 D. a = 5 and m = 12

Q. 42. Operator % in C language is called _____.

- A. Percentage operator B. Quotient operator
C. Modulus operator D. Division operator

Q. 43. Which function from the following is compulsory for every C program?

- A. clrscr() B. scanf()
C. getch() D. main()

Q. 44. A function which calls itself is called a _____ function.

- A. Self function B. Auto function
C. Recursive function D. Static function

Q. 45. Which of the following is not an arithmetic operation?

- A. x *= 65; B. x /= 42;
C. x %= 2; D. x != 56;

Q. 46. What will be the output of this program?

```
void main()
{
    int a=10, b=20;
    a = a+b;
    b = a-b;
    a = a-b;
    printf("a=%d b=%d", a, b);
}
```

- A. a = 10, b = 10 B. a = 10, b = 20
C. a = 20, b = 10 D. a = 20, b = 20

Q. 47. Which one of the following is a loop construct that will always be executed once?

- A. For B. While
C. Switch D. Do while

Q. 48. The 'continue' statement is used _____.

- A. To go to the next iteration in a loop
B. To come out of a loop
C. To exit and return to the main function
D. To restarts iterations from beginning of loop

Q. 49. Which header file is essential for using strcmp() function?

- A. string.h B. compare.h
C. text.h D. strcmp.h

Q. 50. An Ampersand before the name of a variable denotes _____.

- A. Actual Value B. Variable Name
C. Address D. Data Type

SPACE FOR ROUGH WORK