

2021
COMPUTER APPLICATION

Paper : 102

(Programming with C)

Full Marks : 30

Time: 90 minutes

The figures in the margin indicate full marks for the questions

1. Answer the following: **5x3=15**
- a) Explain the following string-handling functions- strcat(), strcmp(), strcpy() and strlen().
 - b) Define structure. Explain the syntax of a structure.
 - c) Write the difference between while loop and do-while loop. Give example.
2. Answer *any three* from the following: **5x3=15**
- a) What will be the output of the program?

```
#include<stdio.h>
int main()
{
    int i=0;
    for (; i<=5; i++);
        printf("%d", i);
    return 0;
}
```
 - b) Write a C program to check a given no is even or odd.
 - c) Write a C program to find the greater of two numbers.
 - d) Write a C program to find the sum of first ten natural numbers.