

# 4466

**BOARD DIPLOMA EXAMINATION, (C-14)**  
**MARCH/APRIL-2019**  
**DEEE - FOURTH SEMESTER EXAMINATION**  
**PROGRAMMING IN C**

Time: 3 Hours]

[Max.Marks: 80

**PART-A**

**10X3=30M**

**Instructions:** 1) Answer **all** questions. Each question carries **three** marks.  
2) Answer should be brief and straight to the point and shall not exceed five simple sentences.

- 1) Write any three rules for naming a variable
- 2) Give syntax and an example for assignment statement
- 3) Write the syntax and example to *for loop*
- 4) Define nesting and give an example
- 5) Define string
- 6) Write syntax and example of declaring and initializing array of five characters
- 7) What is the need of user defined function ?
- 8) List the four storage classes supported by C
- 9) Define union and give an example
- 10) Define pointer and give syntax to declare a pointer?

\*

[WWW.MANARESULTS.CO.IN](http://WWW.MANARESULTS.CO.IN)

\*

## PART-B

5x10=50M

**Instructions:** 1) Answer any **five** questions. Each question carries **ten** marks.  
2) Answers should be comprehensive and the criteria for valuation is the content but not the length of the answer.

11) Explain passing of individual members of a structure to a function with a C program

12) a) Explain the compound assignment statement with an example 5M  
b) Explain how pointer can be used to realize the effect of parameter passing by reference 5M

13) Explain switch statement with the help of a C program

14) a) Differentiate between while and do while 5M  
b) what is the use of break and continue? 5M

15) Explain one dimensional array with simple C program

16) Explain strcat(), strcmp(), and strcpy() functions with examples

17) Explain function call by reference with simple C program.

\* 18) Explain return values and their types with example.

\* \* \*

\*

[WWW.MANARESULTS.CO.IN](http://WWW.MANARESULTS.CO.IN)