

4460

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

Time: 3 hours]

[Max. Marks: 80

PART-A

3x10=30M

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

- 1) Give the syntax of increment and decrement operator with example.
- 2) List the character set of C language.
- 3) List the four conditional statements supported by 'C'.
- 4) Give the syntax for if-else-if statement.
- 5) Define array.
- 6) List three functions used for reading strings.
- 7) Define a function.
- 8) Write the use of return statement.
- 9) Define a structure.
- 10) Define union.

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PART-B

5X10=50M

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

- 11) Explain bitwise logical operators with examples.
- 12) Explain switch case statement with a program.
- 13) Explain if, if-else statement with an example program.
- 14) Explain passing arrays elements as arguments and arrays as arguments.
- 15) Explain getchar(), getch(), getche() and putchar() functions.
(2.5x4=10M)
- 16) Write any C program using function call technique.
- 17) Explain passing parameters to the function, with an example.
- 18) Explain the use of preprocessor directives include, ifdef, define and ifndef.

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