



C14-AEI-404

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BOARD DIPLOMA EXAMINATION, (C-14)
MARCH/APRIL—2016
DAEIE—FOURTH SEMESTER EXAMINATION
PROGRAMMING IN 'C'

Time : 3 hours]

[Total Marks : 80

PART—A

3×10=30

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

1. List any three keywords used in 'C' programming.
2. List the three logical operators supported by 'C'.
3. List the three types of iterative statements supported by 'C'.
4. Write the general form of switch case statement.
5. Write the syntax of two-dimensional array.
6. Write the operation of string manipulation function strcpy().
7. Define a function.
8. Define a pointer.

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9. Define a union.
10. List any three unconditional preprocessor directives.

PART—B

10×5=50

Instructions : (1) Answer *any five* questions.

(2) Each question carries **ten** marks.

(3) Answers should be comprehensive and the criterion for valuation is the content but not the length of the answer.

11. Explain about different assignment statements with example.
12. Explain different forms of IF statements with syntax and flow-charts.
13. Explain while loop, do-while loop, and for loop.
14. Write a program which illustrates passing array elements as arguments.
15. Write a program using one dimensional array concept.
16. Write a program using function call technique.
17. Write a program illustrating arithmetic operations in pointer variables.
18. Define a structure. Explain the syntax and initialization of structures.

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