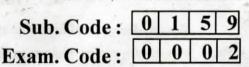
Printed Pages : 2 (i)

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Questions (ii) :9 Sub. Code: 0



B.A./B.Sc. (General) 2nd Semester 1048

COMPUTER SCIENCE Paper-CS04-Theory-B: C Programming

Time Allowed : Three Hours]

[Maximum Marks: 30

- The Question Paper will consist of five Sections. Note :--(i)
 - The students are required to attempt one question from (ii) each Section and the Compulsory question Section E.
 - (iii) All questions carry equal marks.

SECTION-A

- Mention different steps to develop a program. Explain using an 1. example. 6
- 2. Mention different data types in C. Give example for each. 6

SECTION-B

- 3. How the type conversions are handled by C?
- What are the different decision making statements in C? Give 4. syntax for each.

SECTION-C

- What do you mean by the term recursion ? What are its 5. advantages?
- What is an array ? How to access an array ? What are the 6. advantages of using an array? 6

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Turn over

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SECTION-D

- How to declare and initialize string variables ? With the help of C program mention steps to read and write a string.
- What is a structure ? What is its use ? How to initialize and access structure members ?

SECTION-E

(Compulsory Question)

9. Write the following answers briefly :---

(i)	Differentiate between compilation and execution.	2
(ii)	What is a real constant ?	1

- (iii) Explain the hierarchy in operators of C.
- (iv) Differentiate between If-Else and Nested If-Else decision control structures.
 2

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