



RB-3719
First Year B. C. A. (Sem. II) Examination
March / April - 2017
Advanced 'C' Programming

Time : 2 Hours]

[Total Marks : 50

Instruction :

<p>નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : FIRSTYEAR B. C. A. (SEM. 2)</p> <p>Name of the Subject : ADVANCED 'C' PROGRAMMING</p> <p>Subject Code No. : 3 7 1 9 Section No. (1, 2,.....) : NIL</p>	<p>Seat No. : <div style="display: flex; justify-content: space-around; width: 100px;"><div style="border: 1px solid black; width: 20px; height: 20px;"></div><div style="border: 1px solid black; width: 20px; height: 20px;"></div><div style="border: 1px solid black; width: 20px; height: 20px;"></div><div style="border: 1px solid black; width: 20px; height: 20px;"></div><div style="border: 1px solid black; width: 20px; height: 20px;"></div><div style="border: 1px solid black; width: 20px; height: 20px;"></div></div><div style="border: 1px solid black; border-radius: 10px; height: 80px; margin-top: 10px; display: flex; align-items: center; justify-content: center; padding: 10px;">Student's Signature</div></p>
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1 Answer in short : (any seven) 14

- (1) Explain EOF.
- (2) Explain macro.
- (3) How to create multidimensional character array ?
- (4) What is difference between actual and formal argument ?
- (5) Explain structure.
- (6) What is divide and conquer ?
- (7) What is array of pointer ?
- (8) Give the difference between global and local variable.
- (9) Explain structure within structure.
- (10) Explain enum.

2 Attempt any two : 14

- (a) What is a preprocessor directive ? Explain #ifdef, #ifndef, #if, #endif, #else and #elif.
- (b) Explain array of structure with example.
- (c) Explain Union in detail. Also compare union with structure.

- 3** Attempt any two : **14**
- (a) Explain function prototype in detail.
 - (b) Explain pointer in detail with example.
 - (c) Why file handling is required ? How to define file ?
How to open and close file ? Explain with proper example.
- 4** Attempt any two : **14**
- (a) Explain rewind(), fseek(), ftell() function in detail.
 - (b) Explain recursion in detail with example.
 - (c) Write a short note on storage class.
- 5** Attempt any two : **14**
- (a) Write a short note on bitwise operators.
 - (b) Explain different categories of user define function available in c.
 - (c) Write a program to create structure player which include player_id, player_name, game_name, and score. Accept 5 player detail and display score of player who plays cricket.
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