



HA-3521

First Year B. C. A. (Sem. II) Examination

March / April - 2018

Advanced 'C' Programming

Time : 3 Hours]

[Total Marks : 70

Instructions :

नीचे दशांशवेष निशानीवाणी विगतो हत्तरवडी पर अवश्य कपनी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
First Year B. C. A. (Sem. II)

Name of the Subject :
Advanced 'C' Programming

Subject Code No. : 3 5 2 1 Section No. (1, 2,.....) Nil

Seat No. :
Student's Signature

1 Answer in short : (Any 7) 14

- (1) Explain preprocessor in brief.
- (2) What is meaning of modular programming ?
- (3) Explain static keyword.
- (4) What is typedef ? Explain.
- (5) Explain return statement.
- (6) How to define user defined function ?
- (7) What is difference between actual and formal argument?
- (8) Explain value and address operator.
- (9) Explain shift left bitwise operator.
- (10) Why file handling is required? Explain.

2 Explain following : (any two) 14

- (a) Explain Macro substitution in detail.
- (b) Explain 2-dimensional integer array in detail.
- (c) Write a short note on structure.

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[Contd...

- 3 Attempt any two : 14
- (a) Write note on array of structure in detail with example.
 - (b) Explain different categories of user defined function in detail.
 - (c) What is pointer ? Is it possible to implement arithmetic operation on pointer ? Explain.
- 4 Explain following in detail : (any two) 14
- (a) Storage Class.
 - (b) Recursion in detail with example.
 - (c) Sequential file handling mechanism in detail.
- 5 Attempt any two : 14
- (a) Give the difference between array and pointer.
 - (b) Explain call by value and call by reference in detail.
 - (c) Write program to create structure people with following members. P_no, P_name, adhar card number, income and category (ST/SC/OBC/or GEN). Display the details whose income is < 100000 and category is ST.