



NC-1499

Third Year B. C. A. (Sem. - VI) Examination

September/October – 2011

602 : Information Systems Applications
Development

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
T. Y. B. C. A. (SEM. - 6)

Name of the Subject :
602 : INFORMATION SYSTEMS APPLICATIONS DEVELOPMENT

Subject Code No. : 1 4 9 9 Section No. (1, 2,.....) : Nil

Seat No. :

Student's Signature

(2) Figure on right indicates marks.

1 Answer the following in short : (any seven) 14

- What is candidate system ? Give example.
- Define Logical cohesion and procedural cohesion.
- Give the difference between logical code and metric code.
- Differentiate Kitchen Strategy and Smoking Strategy.
- What is the purpose of test data preparation ?
- Which type of information is defined in RFP ?
- What do you mean by post implementation review ?
- Define FAN-IN and FAN-OUT.

2 Answer any two : 14

- Explain the requirement of System - Requirement Specification in detail.
- Which are the different data entry techniques ? Explain each of them.
- Discuss the different types of Interview and Questionnaire.

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[Contd...

3 Answer any two : 14

- (a) Explain the need of documentation in system analysis and design.
- (b) What are the criteria for vendor selection for hardware and software acquisition ?
- (c) Which are the different conversion methods one can use for conversion of system ? Explain in detail.

4 Answer any two : 14

- (a) Draw the structure Chart and HIPO Chart for Railway Reservation System.
- (b) Explain different types of FORMS and state basic principle of FORM Design.
- (c) Draw the Structure Chart and HIPO Chart for Payroll System.

5 (a) Draw DFD for library system. 7

OR

- (a) Draw DFD for fixed deposit. 7
- (b) What is testing, why it is needed ? Give its types. 7