



SA-1899

**Third Year B. C. A. (Sem. VI) Examination**  
**March / April - 2011**

**602 - Information Systems Applications Development**

Time : Hours]

[Total Marks : 70

**Instructions :**

(1)

नीचे दृष्टावेव निशानीवाणी विगतो उत्तरवही पर अवश्य लिखवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="T.Y. B.C.A. (SEM. 6)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="602 - INFORMATION SYSTEMS APPLICATIONS DEVELOPMENT"/>	<input type="text"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="8"/> <input type="text" value="9"/> <input type="text" value="9"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="NIL"/>	
Student's Signature	

(2) Figure on right indicate marks.

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

- (a) What is candidate system ? Give example.
- (b) Define logical cohesion and procedural cohesion.
- (c) Explain the term hash total and sequence check.
- (d) Define Dichotomous question and Ranking scales question.
- (e) What is background analysis ?
- (f) Which types of information are defined in RFP ?
- (g) Define subsystem.
- (h) Define system maintenance.

2 Answer any two : 14

- (a) Specify the purpose of system testing. What performance criteria are used for system testing discuss ?
- (b) Explain system documentation and programming documentation in detail.
- (c) Explain different phases of Hardware selection.

- 3** Answer any **two** : **14**
- (a) Explain Warnier-Orr Diagram in detail with example.
  - (b) Explain Fan in and Fan out in detail.
  - (c) Discuss the steps involved in the feasibility study and explain how important the project team in feasibility study is.
- 4** (a) What is structure chart ? Explain how it is better than flow chart. **4**
- (b) Explain why maximum cohesion and minimum coupling leads to more maintainable system, what are the other attribute to design and influence the system maintainability ? **10**
- OR**
- 4** (a) What are the various fact-finding techniques ? Discuss the advantage and disadvantage of each of them. **8**
- (b) Write short notes on following : (any **two**) **6**
- (i) Data Coupling
  - (ii) Stamp Coupling
  - (iii) Control Coupling
- 5** (a) Draw the structure diagram for inventory system. You are required to provide requirement analysis and module description. **7**
- OR**
- (a) Draw the structure chart and DFD for insurance system. **7**
- (b) Explain various documentation methods. **7**
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