



N-1445

Second Year B. C. A. (Sem. III) Examination

October / November - 2011

Software Engineering

305

Time : 3 Hours]

[Total Marks : 70

Instructions

(1)

नीचे दशांशक निशानीवाणी विगतो उत्तरवदी पर अवश्य दखवी. Fillup strictly the details of signs on your answer book.	Seat No.
Name of the Examination :	
S. Y. B. C. A. Sem. III	
Name of the Subject :	
Software Engineering	
Subject Code No. : 1 4 4 5	Section No. (1, 2,.....) Nil
	Student's Signature

- 1 Answer in short (any seven) 14
- (i) Define validation and verification.
  - (ii) List out objectives.
  - (iii) Define requirement process.
  - (iv) What is data dictionary ?
  - (v) Define DFD.
  - (vi) Explain modelling.
  - (vii) What is system designing ?
  - (viii) Give the disadvantage of water fall model.
  - (ix) Define Alfa testing.
  - (x) What is context level diagram ?

- 2 (a) Explain types of cohesion. 7
- OR
- (a) Explain the characteristics of software. 7
- (b) Explain water fall model with its advantages and disadvantages. 7

OR

- (b) Explain prototype model in detail. 7
- (c) Explain components of SRS. 5
- 3 (a) Explain black box testing. 6
- OR
- (a) Explain different level of testing. 6
- (b) Explain support phase in detail. 5
- 4 Write short notes (any three) 15
- (i) 4GT
- (ii) Elements of Analysis model.
- (iii) Requirement process.
- (iv) Data Dictionary
- 5 Draw Data Flow diagram at least upto 2nd level and 11  
create data dictionary for hospital Management System.