

Enrollment No: _____

Exam Seat No: _____

C. U. SHAH UNIVERSITY

Winter Examination-2019

Subject Name: System Analysis and Design & Unified Modelling Language

Subject Code: 4TE04SAD1

Branch: B.Tech (CE)

Semester : 4

Date : 17/09/2019

Time : 02:30 To 05:30

Marks : 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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Q-1 Attempt the following questions:

(14)

- a) By levelling a DFD we mean
 - A)splitting it into different levels
 - B)expanding a process into one with more sub-processes giving more detail
 - C)summarizing a DFD to specify only the essentials
 - D)make its structure uniform
- b) Which of the following terms best describes an object that is made up of other objects?
 - A)Inheritance B)Generalization C)AggregationD) Class
- c) System Study involves
 - A) identifying current deficiencies and establishing new goals
 - B) documenting the existing system
 - C) study of an existing system
 - D) all of the above
- d) In DFD external entities may be a
 - A) source of input data B) destination of results C)Both A,B
 - D) repository of data
- e) State model can be drawn for_____
 - A)System B)Sub-System C)main object D)All A,B,C
- f) What is System?
- g) What do you mean by System Analyst?
- h) What testing?
- i) How flow chart different than activity diagram?
- j) Difference between fork and join?
- k) What is generalization in class diagram?
- l) What do you mean by maintenance?
- m) What do you mean by pseudo code?
- n) What is knowledge?



