Paper / Subject Code: 30304 / STRUCTURED AND OBJECT ORIENTED ANALYSIS & DESIGN

T.E. SEM V / COMP / CREDIT BASE / MAY 2019 / 27.05.2019

Q.P. Code: 24567

(3 HOURS)

[Total Marks: 80]

N.B.: (1) Question no. 1 is compulsory.

- (2) Attempt any three questions from remaining.
- (3) Assume suitable data wherever necessary.



Q1 Answer the following:

[20]

- a) What is Unified Modeling Language (UML)? Explain need for UML.
- b) Explain software development life cycle used for system analysis.
- Q2 a) Explain purpose of use case diagram with example.

[10]

b) What are the different types of cohesion and coupling? Explain in short.

[10]

Q3 a) What is the purpose of system proposal? Explain with example.

[10]

b) Explain different requirement gathering techniques.

[10]

Q4 a) Explain various steps involved in SRS document with suitable example.

[10]

b) Explain importance of class diagram in system design with example.

[10]

Q5 a) Explain the need of sequence diagram with example.

[10]

b) What are the different types of cost -benefit analysis? Explain any one in short.

[10]

Q6 Write a short notes on (any two)

[20]

- a) Application Architecture
- b) Zachman framework
- c) Boundary class, entity class and control class
- d) Data flow diagram (DFD)

[선생님: 18] [전경 [전경 [전경] [전경]