

C.U. SHAH UNIVERSITY

Winter Examination-2018

Subject Name: Software Engineering

Subject Code: 4TE05SWE1

Branch: B.Tech (CE, IT)

Semester: 5

Date: 07/12/2018

Time: 10:30 To 01:30

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) The most important feature of spiral model is
 - A) requirement analysis
 - B) risk management.
 - C) quality management
 - D) configuration management.
- b) Agility is defined as the ability of a project team to respond rapidly to a change. (TRUE/FALSE)
- c) What combines procedures and tools to manage different versions of configuration objects that are created during the software process?
- d) Which of the following is not a direct measure of SE process?
 - A) Efficiency
 - B) Cost
 - C) Effort Applied
 - D) All of the mentioned
- e) SRS is also known as _____ testing.
- f) Differentiate: Exploratory programming and modern programming
- g) Differentiate: Methodology and process in terms of S/W development
- h) In software development process what is the meaning of debugging?
- i) Who is software project manager? What is his role?
- j) List project estimation techniques available?
- k) What is feasibility study?
- l) What is software maintenance?
- m) Can you differentiate computer software and computer program?
- n) What is level-0 DFD?

Attempt any four questions from Q-2 to Q-8

Q-2 Attempt all questions (14)

- a) Explain Evolutionary process models in detail.
- b) Compare Prototype Model and RAD Model.

Q-3 Attempt all questions (14)



