

Enrollment No: _____

Exam Seat No: _____

C.U.SHAH UNIVERSITY

Summer Examination-2017

Subject Name :Software Engineering

Subject Code : 4CS05ISE1

Branch : B.Sc.IT

Semester :5

Date :24/03/2017

Time :2:30 To 5:30

Marks : 70

Instructions:

- (1) Use of Programmable calculator and 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.

Q.-1 Attempt following MCQ questions.

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1. Full form of RADis _____
a) Random Access Development c) Real Access Domain
b) Rapid Application Development d) Real Application Development
2. Full form of COCOMO is _____
a) Constructive common Object c) Common Constructive Object
b) Constructive Cost Model d) Cost Constructive Model
3. Which of the following is not a type of testing?
a) Black Box c) White Box
b) Yellow Box d) Gray Box
4. Which of the following comes first in of SDLC?
a) Analysis c) Design
b) Testing d) Coding
5. Full form of LOC is _____
a) Lines of Code c) Layers of Code
b) Loss of Code d) Line of Case
6. _____ is the full form of FP.
a) Full Point c) Function Point
b) Function Print d) Focus Point
7. What is the full form of UML?
a) Unique Modeling Language c) Unified Modeling Language
b) Universal Model Line d) Universal Model Line
8. Define Software Engineering.
9. What do you mean by coupling?
10. What is cohesion?
11. What is the full form of SQA?
12. Software re-engineering contains _____
13. What is unit testing?
14. What is the full form of DFD?

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

- Q.-2 a) Explain Waterfall model.

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	b)	Describe Risk Management with risk identification in detail.	7
Q.-3	a)	Explain Use Case diagram with an example.	7
	b)	What is coupling? Explain types of coupling.	7
Q.-4	a)	Why Testing is needed? Explain any one type of testing in detail.	7
	b)	Explain Spiral model with figure.	7
Q.-5	a)	Explain class diagram with suitable example.	7
	b)	Explain Requirement analysis in detail.	7
Q.-6	a)	Explain SDLC and its phases.	7
	b)	Explain metrics for project size estimation.	7
Q.-7	a)	Explain COCOMO Model.	7
	b)	Write a short note on Reverse Engineering.	7
Q.-8	a)	Explain 4 P's of Management Spectrum.	7
	b)	Explain scheduling and work break down structure.	7

