S.No. 129 BATCH: 2009-13, 2016   Reg.No.

MAJOR : B.Sc., (CT)   SEMESTER : V
TIME   : 3 HOURS   MAX.MARKS : 75

SECTION – A (5 X 2 = 10)

Answer ALL Questions:

1. Define Software Process.
2. State the importance of cost models.
3. Expand and describe SADT.
4. What is work break down structure?
5. List any two software design notations.

SECTION – B (5 X 4 = 20)

Answer ALL Questions:

6. a) Describe the various software metrics.
   (OR)
   b) List the process maturity levels in CMM.

7. a) Write out the reasons for the failure of water fall model?
   (OR)
   b) Discuss about RAD Model.

8. a) What are the state – oriented notations? Explain.
   (OR)
   b) What are the primary applications areas of SSA and GIST?

9. a) List the various external dependencies in project planning.
   (OR)
   b) Discuss on decomposition techniques in software development.

10. a) Distinguish coupling from cohesion.
    (OR)
    b) What are the basic principles of Software Testing?

SECTION – C (3 X 15 = 45)

Answer any THREE Questions:

11. Define steps in Behavioral Modeling. List the personal responsibilities in software development.
12. Discuss the water fall model with neat diagram.
13. List and explicate the requirements engineering process functions.
14. Discuss on the various estimation techniques.
15. Write in detail about Software Quality Control Measures.

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