QP Code : **6284**

[Total Marks : 80]

(3 hours)

N.B. (1) Question No. 1 is compulsory.

(2) Write any **three** questions out of remaining.

(3) Assume suitable data if required.

1. (a) Is agile process suitable for large scale projects? Mention few issues. 5
   (b) Explain process framework. 5
   (c) Mention SQA activities. 5
   (d) Explain CMM level 4 and level 5 5

2. (a) Mention the reasons for project delay. What are the risks associated with project delay? 10

   (b) Estimate the effort using function point method to design a user interface for the public to report about damaged pothole. Assume suitable input complexity and justify your assumptions. 10

3. (a) Explain in detail Spiral model and compare it with component model. 10
   (b) Explain architectural design for e-Commerce System. 10

4. (a) Prepare SRS for the Course Management System. 10
   (b) List down the activities required for scheduling and tracking software projects 10

5. (a) Describe in detail white box techniques. 10
   (b) Draw use case, sequence diagram (withdrawal) for ATM banking system. 10

6. (a) In a car service station, complaints are taken and an estimate of the work is given immediately. Resources are assigned to the job. Once repaired a bill is prepared for actual cost. Prepare a DFD up to level 2 and make a sample entry in data dictionary for each element. 10
   (b) Explain how are change control and version control are carried out 10

MD-Con. 7335-15.

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