

Q.1.

TE. I.T. SEM: VI (CBUS)

10/5/16

S.E.

QP Code : 31643

TIME 3 hours

MARKS 80

Note

Q1 is compulsory

Attempt any three questions from the remaining Questions

Q1

- What are the different levels of Capability Maturity Model (CMM)?
- Compare agile and traditional Software Development models.
- What are the different probable Origins of changes that are requested for software?
- With suitable examples, explain the differences between 'known risks' and 'predictable risks'.

Q2

- Explain waterfall model give its advantage and disadvantages 10
- List evolutionary models and explain any one in detail 10

Q3

- Draw the DFD up to Level 2 for a Restaurant Management System which has food ordering, food delivering, invoice creation, and payments subsystems. 10
- Prepare a sample risk table and explain the RMMM plan for the same. 10

Q4

- What are different requirements engineering tasks? Why identifying software requirements is difficult 10
- Explain software design concepts 10

Q5 Write note on (any two)

- Component Based Development
 - Software Reliability measurements
 - Deployment-Level design elements
 - SQA activities
- 20

Q6

- What are different attributes of software quality? 10
- Identify any two risks for your exam. Perform risk assessment and prepare the RMMM plan. 10

FW-Con.8166-16.