

Seat No. : _____

DE-108

December-2017

**4th Year M.Sc. (CA & IT) Integrated
Software Project Management and Testing**

Time : 3 Hours]

[Max. Marks : 100

1. Answer the following questions (Any 4) : **20**
 - (1) Define CMM. Explain KPA of 4th level of CMM in detail.
 - (2) Explain in detail Web testing process with figure.
 - (3) Explain all Object oriented testing methods in brief.
 - (4) Explain Basic path testing in detail.
 - (5) What are the characteristics of "critical module"? Why should we identify it ?

2. Answer the following questions (Any 4) : **20**
 - (1) Explain overall process of Requirement Analysis and Specifications.
 - (2) Explain : Traceability Matrix.
 - (3) Define Contract. List down the clauses included in it. Explain any one in detail.
 - (4) Explain Process-Based Approach along with Q & P Triangle.
 - (5) Define Assessment Method. State various approach used for assessment in Infosys.

3. Answer the following questions (Any 4) : **20**
 - (1) Define : Tailoring. Explain Summary Level Tailoring.
 - (2) Describe the concept of Process Database.
 - (3) Explain : Effort Estimation Model.
 - (4) Define: Top-Down Approach for Estimation. List down its steps for procedure.
 - (5) State the concept of Body of Knowledge.

4. Answer the following questions (Any 4) : 20
- (1) Define Auditing. List down types of auditing. Explain any one of them in detail.
 - (2) State the advantage of the Group Reviews.
 - (3) List down the main stages in the Configuration Management Process. Explain any one in detail.
 - (4) Explain : Review Process with diagram.
 - (5) State the aim of Risk Management. List down the risk assessment activities and explain any one in detail.
5. Answer the following questions : 20
- (1) Define : (Attempt any 5) (Each carries 2 marks) 10
 - (a) Project
 - (b) Milestone
 - (c) Resources
 - (d) UML
 - (e) Network Diagram
 - (f) Gantt Chart
 - (2) List down the types of views. Explain Task View in detail. 5
 - (3) Explain Project life Cycle with diagram. 5
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