

Seat No. : _____

N30-119

December-2014

Fourth Year M.Sc. (CA & IT) (Integrated)

Software Project Management and Testing

Time : 3 Hours]

[Max. Marks : 100

1. Attempt any **four** : **20**

- (1) List four types of tasks in MS Project and explain any two briefly.
- (2) List 4 types of task dependencies based on start and finish in MS Project and explain any two briefly.
- (3) List at least 5 types of constraints that you can set on tasks (for example “As soon as possible”).
- (4) Which are the four basic parameters of a project ? How are they related ? Define Project Management in terms of these four parameters. What can you say about changing them ?
- (5) List two types of resources, explain how they are different and give two examples of each.

(6) Match the following :

A	As soon as possible	1	Material type of resource
B	Finish to Finish	2	Work type of resource
C	Milestone	3	Task Dependency
D	Any consumable item	4	Type of Task
E	Multimedia Projector	5	Constraint

2. Differentiate any **four** : **20**

- (1) Proposal and Contract.
- (2) System Testing and Acceptance Testing.
- (3) Body of Knowledge and Process Assets.
- (4) External Auditing and Internal Auditing.
- (5) Mature and Immature Processes.

3. Attempt any **four** : **20**
- (1) Changes in requirements are inevitable. How should these changes be managed ?
 - (2) What is risk ? Explain the main components of risk management process along with the task involved in it.
 - (3) Write a short note on CMM.
 - (4) Explain two approaches of quality management.
 - (5) Explain Process Tailoring.
4. Attempt any **four** : **20**
- (1) Explain SRS sections.
 - (2) Define and explain RFI, RFP, Workorder, T & M model, Fixed Price model.
 - (3) Explain PDB and PCB in detail.
 - (4) Explain Project Monitoring and Control process.
 - (5) Explain Project Closure Analysis.
5. Attempt the following : **20**
- (1) List out different decomposition techniques of estimation for software project and explain any 2 in detail. **8**
- OR**
- Explain white box testing with example.
- (2) How Infosys perform Quality Management ? **6**
 - (3) Explain earned value analysis. **6**