

BE | IT | VIII (REV) 8/12/2014
Software Project Management

QP Code : 16030

(3 Hours)

[Total Marks : 100

- N.B.** (1) Question No. 1 is **compulsory**.
(2) Solve any **four** questions from remaining **six** questions.

1. Explain the following :— 20
 - (a) Triple constraints of a project
 - (b) Administrative Closure with respect to project implementation
 - (c) Need for project management
 - (d) Reasons for project failure.

2. (a) What is a WBS ? What purpose does it serve ? 3
 (b) Explain why a project's scope must be tied to the WBS. 3
 (c) What is the difference between a deliverable and a milestone ? 4
 (d) Briefly describe the nature of the formal organization and the strengths and weaknesses that it brings to the execution of information technology projects. 10

3. (a) Describe the five scope management processes. 10
 (b) Using an example of each, describe and differentiate between project process and product processes. 5
 (c) Describe the attributes of a good project manager. 5

4. (a) Describe IT project risk identification framework. Explain the types of risks with examples. 10
 (b) What is change management plan and why is it important for an organization to have ? 10

5. (a) Describe any 3 techniques used for project scheduling. 10
 (b) What is project Risk Management (RM)? What are the RM processes ? 10

6. (a) Describe project procurement processes. 10
 (b) Describe project life cycle and its relation with SDLC ? 10

7. Explain with a brief answer :— 20
 - (a) Project Audit
 - (b) Project Metric
 - (c) Explain the difference between AON and PERT
 - (d) Resource Leveling.