Printed pages: 01 **Sub Code: MTCS042**

Paper Id	2	1	0	2	0	8

Roll No. | | | | | | | | | | |

M. TECH.
(SEM-II) THEORY EXAMINATION 2018-19
SOFTWARE PROJECT PLANNING & MANAGEMENT

Time: 3 Hours ***Total Marks: 70***

Note: Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. 2 x 7 = 14

a. Define metric.
b. What is software configuration management?
c. Define risk management.
d. Define change control.
e. What is cost monitoring?
f. Define framework for dealing with risk.
g. Explain project estimation.

SECTION B

2. Attempt any *three* of the following: 7 x 3 = 21

a. Explain project life cycle and its relation with SDLC in detail.
b. Explain requirement specification. What are functional and non functional requirements?
c. What is the role of implementation plan? Explain the contents of implementation plan of a project.
d. What is meant by communication management? What are strategies for an effective communication system?
e. Explain the different project scheduling techniques. Explain the difference between CPM and PERT.

SECTION C

3. Attempt any *one* part of the following: 7 x 1 = 7

(a) Explain the impact of internet on project management in brief.
(b) Brief how does an organization choose to use any model.

4. Attempt any *one*part of the following: 7 x 1 = 7

(a) Explain the advantages of using geographically distributed terms for the maintenance phase of a project in detail.
(b) Write short notes on followings (i) P-CMM (ii) Metrics for requirement phase

5. Attempt any *one* part of the following: 7 x 1 = 7

(a) Narrate the activities covered by software project management in detail.
(b) Explain the cost benefit analysis. Discuss about the cost benefit evaluation techniques.

6. Attempt any *one* part of the following: 7 x 1 = 7

(a) Explain the various motivation model in managing the people. Explain the earned value analysis.
(b) Write about the various organizational structure in detail.

7. Attempt any *one* part of the following: 7 x 1 = 7

(a) Discuss about the Activity –on-arrow network with suitable example.
(b) Describe the followings. (i) Phases of Estimation (ii) Configuration Audit (iii) Software Configuration management tool.

Dr. Rajesh Tewari | 24-May-2019 13:36:35 | 139.5.198.30