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MTECH
(SEM II) THEORY EXAMINATION 2021-22
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**

Q no.	Question	Marks	CO
a	Define metrics with suitable examples.	2	1
b	List some tools of Software Configuration Management.	2	1
c	Explain risk & why so important.	2	2
d	Explain need of Project Planning.	2	2
e	Explain need of Software Requirements gathering.	2	3
f	Discuss advantages of software testing.	2	4
g	Discuss challenges in building global team.	2	5

SECTION B**2. Attempt any three of the following:****7x3=21**

Q no.	Question	Marks	CO
a.	Discuss different process of Software Configuration Management.	7	1
b.	Discuss Risk management Cycle.	7	2
c.	Discuss steps to be followed during Project Closure.	7	3
d.	Briefly describe different types of tests.	7	4
e.	Discuss impact of internet in software project management	7	5

SECTION C**3. Attempt any one part of the following:****7x1=7**

Q no.	Question	Marks	CO
a.	Discuss Typical Metrics Strategy.	7	1
b.	Illustrate software configuration management in geographically distributed team.	7	1

4. Attempt any one part of the following:**7x1=7**

Q no.	Question	Marks	CO
a.	Discuss issues in project tracking.	7	2
b.	Illustrate Risks and Mitigation in context of global project Team.	7	2

5. Attempt any one part of the following:**7x1=7**

Q no.	Question	Marks	CO
a.	Discuss challenges during design and development phases.	7	3
b.	Illustrate translating size estimate into effort estimates and effort estimates into schedule estimates.	7	3

6. Attempt any one part of the following:**7x1=7**

Q no.	Question	Marks	CO
a.	Discuss different activities during testing phase.	7	4
b.	Discuss different activities during maintenance phase.	7	4

7. Attempt any one part of the following:**7x1=7**

Q no.	Question	Marks	CO
a.	Discuss globalization issues in software project management.	7	5
b.	Discuss different level of CMM.	7	5