Roll No: | | | | | | | | | | | |

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