

Register No.: Name.:

SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)

(AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM)

THIRD SEMESTER MBA DEGREE EXAMINATION (R), DECEMBER 2023

(2021 Scheme)

Course Code : 21MBA257

Course Name: Advanced Project Management

Max. Marks : 60

Duration: 3 Hours

PART A

(Answer all questions. Each question carries 2 marks)

1. Compare the key difference between Project and Program.
2. Recall the term "Total Slack "
3. Explain the term "Risk Profile"
4. List out the implications of organizational culture in organizing project.
5. Explain different types of project closure

PART B

(Answer any 3 questions. Each question carries 10 marks)

6. Identify the different stages of project life cycle with the help of a graphical representation.
7. Imagine you are the project manager responsible for overseeing a large and intricate construction project that entails the construction of a new office complex for a real estate firm. This project involves multiple construction phases, subcontractors, and a diverse project team. Your task is to develop a Work Breakdown Structure (WBS) for this project.
8. Identify the importance of organizational culture before deciding what project management structure should be used to complete a project with suitable example.
9. Explain the Estimating guidelines for Time, cost and resources requirements of a project.
10. Explain project control process with a suitable example

PART C

(Compulsory question, the question carries 20 marks)

11. You are creating a customer database for the Lehigh Valley IronPigs minor league baseball team.

ID	Activity	Predecessor	Time
A	Systems Design	None	2
B	Subsystem X design	A	1
C	Subsystem Y design	A	2
D	Subsystem Z design	A	1
E	Program P	B	2
F	Program Q	C	10
G	Program R	D	3
H	Subsystem X test	E	1
I	Subsystem Y test	F	1
J	Subsystem Z test	G	1
K	Integration	H,I,J	3
L	Integration test	K	1

- a) Draw a project network for the above information and calculate the forward pass, backward pass and compute activity slack. Marks (10)
- b) Identify how sensitive is the network schedule? Calculate the free slack and total slack for all non-critical activities Marks (10)
