

Register No.: Name.:

SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)

(AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM)

**THIRD SEMESTER MBA DEGREE EXAMINATION (Regular), DECEMBER 2022
(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 project and program.
2. Explain bottom-up approach.
3. What is resource smoothing?
4. List out different matrix forms.
5. What is control chart?

PART B

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

6. Explain project life cycle with suitable project.
7. Construct a project network given the information below. Complete the forward and backward pass.

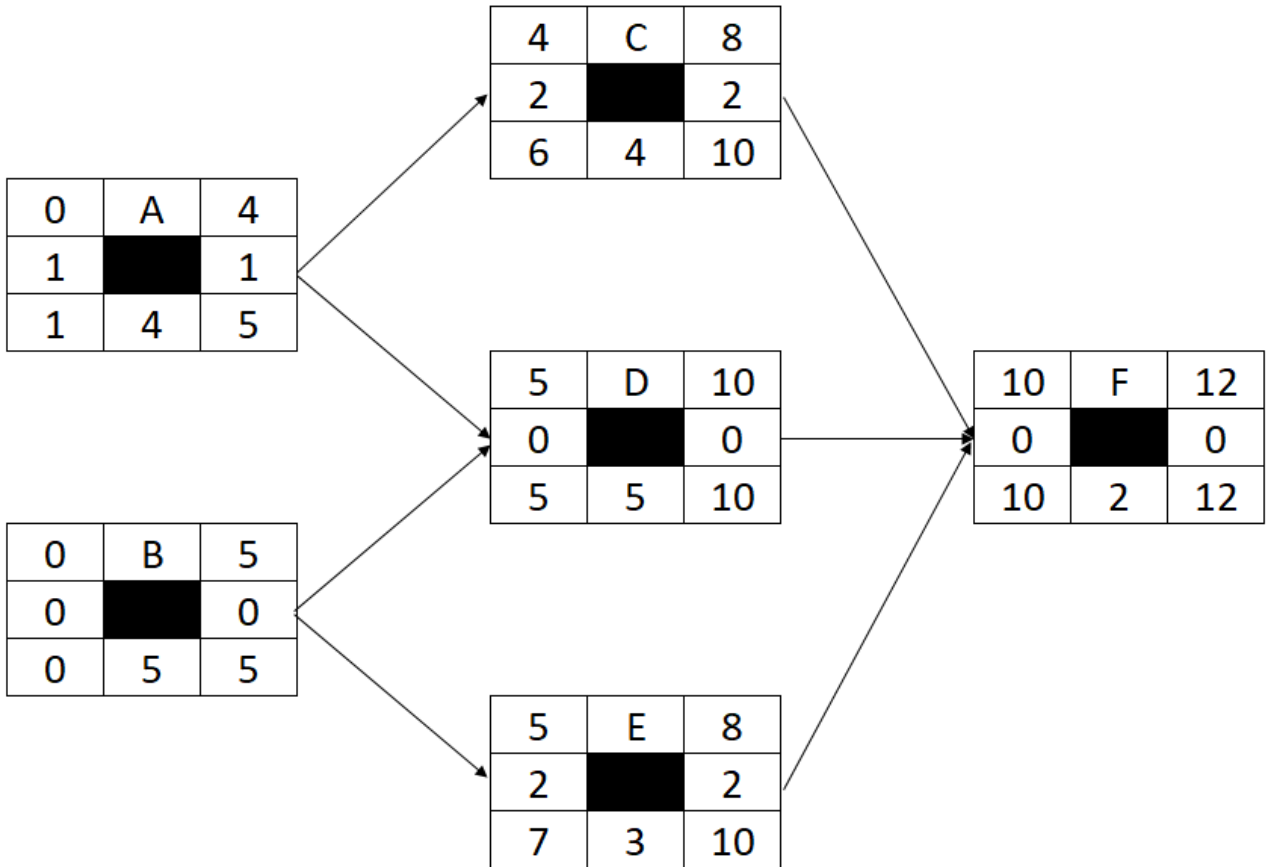
ID	Description	Predecessor	Time (days)
A	Pour foundation	None	3
B	Erect frame	A	4
C	Roof	B	4
D	Windows	B	1
E	Doors	B	1
F	Electrical	B	3
G	Rough-in frame	C, D, E, F	2
H	Door opener	E, F	1
I	Paint	G, H	2
J	Cleanup	I	1

8. Explain the roles and functions of the project management office in the successful completion of a project?
9. Identify different risk response development methods available for managing risk of a project.
10. Discuss project control process.

PART C

(Compulsory question, the question carries 20 marks)

11. Given the following project network, baseline, and status information, develop status reports for periods 2, 4, 6, 8 and complete the performance indexes table. estimate the EAC_f and the VAC_f based on your data, what is your assessment of the current status of the project for each period? At completion?



ID	Budget \$000	1	2	3	4	5	6	7	8	9	10	11	12
A	40	10	10	10	10								
B	32	8	4	8	4	8							
C	48					12	12	12	12				
D	18						6	2	2	2	6		
E	28						8	8	12				
F	40											20	20
Total	206	18	14	18	14	20	26	22	26	2	6	20	20
Cumulative		18	32	50	64	84	110	132	158	160	166	186	206