per / Subject Code: 41975 / Management Stream - Project Management for Chemical Process Industries (DLOC - Il

1T00537 - B.E.(Chemical Engineering)(SEM-VII)(Choice Base Credit Grading System) (R-19-20) (C Scheme) / 41975 - Management Stream - Project Management for Chemical Process Industries (DLOC - III)

QP CODE: 10016483 DATE: 14/12/2022

[3 Hours] [Total Marks: 80]

Instructions to the candidates if any:

- 1. Question No 1 is compulsory
- 2. Attempt any three questions from the remaining five questions
- 3. Assume suitable data wherever necessary
- 4. The figures to the right indicate full marks

Q. No. 1

Solve any five questions out of the following

a. Discuss the special features of a project	O.T.	[04]
b. Discuss the responsibilities of a project manager		[04]
		90

- c. Discuss the concept of entrepreneurship and entrepreneurd. Write a short note on AOA and AON diagrams[04]
- e. Differentiate between Process and Project management? [04]
- f. Differentiate between CPM and PERT [04]

Q. No. 2

- a. Discuss various stages in a project life cycle with the help of the project lifecycle curve [10]
- b. Discuss various types of clearances required for starting a new project [10]

Q. No. 3

- a. Discuss the feasibility report to be prepared before starting a project [10]
- b. Discuss different types of project cost estimates [10]

Q. No. 4

- a. Discuss seven C's of team building [10]
- b. Discuss ABC analysis [10]

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Q. No. 5

a. Discuss the project exeution plan in details

[10]

b. Find the critical path for performing activities given in the following table

[10]

Activity	Duration (weeks)	Predecessor
A	35	- 5
В	40	A
С	30	В
D	20	A
Е	50	D
F	50	C S
G	15	E
H	16	F, G

Q. No. 6

a. Discuss the 3 R's of contracting

[10]

b. Disscuss the Work Break Down Structure in details

[10]

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