

VPM's
DR VN BRIMS, Thane
Programme: PGDM (2015-17)
PGDM Trimester VI Examination April 2017

Subject	Project Management (Common Subject for All Streams)		
Roll No.		Marks	60 Marks
Total No. of Questions	7	Duration	3 Hours
Total No. of printed pages	2	Date	11.04.2017

Note: Q1 is compulsory and solve any FOUR from the remaining SIX questions.

Q1) 20 Marks (Compulsory)

- Write a note on scope management and risk management.
- Explain with examples -what are the aspects of quality.
- Write a note on continuous improvement.
- Write a note on procurement management and time management.

Attempt Any FOUR from the Remaining SIX Questions

Q2) Any two from (a) or (b) or (c) ————— (5x2) = 10 Marks

Task	Description	Duration (Working Days)	Predecessor
A	Requirement Analysis	5	
B	Systems Design	15	A
C	Programming	25	B
D	Telecom	15	B
E	Hardware Installation	30	B
F	Integration	10	C, D
G	System Testing	10	E, F
H	Training / Support	5	G
I	Handover and Go-live	5	H

- Draw the CPM network.
- Find the critical path and the project duration.
- Find the total float for all activities.

Q3) Any two from (a) or (b) or (c) ————— (5x2) = 10 Marks

- Write a note on communication management and human resource management.
- Write a note on time management and cost management.
- What are the costs associated with quality?

Q4) Any two from (a) or (b) or (c) ————— (5x2) = 10 Marks

- Write about any 3 statistical process control tools.
- What is PDCA cycle?
- What is pokayoke?

Q5) Any two from (a) or (b) or (c) ————— (5x2) = 10 Marks

- What is the meaning of project?
- What is the importance of project management?
- What is resource levelling and project crashing in project management?

Q6) Any two from (a) or (b) or (c) ————— (5x2) = 10 Marks

A project consists of nine activities whose time estimates (in weeks) and other characteristics are given below.

Activity	Preceding Activities	Time Estimates (weeks)		
		Optimistic	Most Likely	Pessimistic
A	-	2	4	6
B	-	6	6	6
C	-	6	12	24
D	A	2	5	8
E	A	11	14	23
F	B, D	8	10	12
G	B, D	3	6	9
H	C, F	8	15	16
I	E	4	10	16

- a) Calculate the expected time for each activity.
- b) Draw the CPM network and find the critical path.
- c) What is project expected completion time and variance?

Q7) Any two from (a) or (b) or (c) ————— (5x2) = 10 Marks

A project consists of the following activities. The duration and preceding activities are given in the table below.

Activity	Duration	Preceding Activity
A	20	-
B	30	-
C	40	-
D	10	A
E	20	B
F	50	B
G	70	C
H	20	D, E
I	30	F, G
J	10	H, I

- a) Draw the CPM network.
- b) Find the critical path and project duration.
- c) Calculate the total float for all the activities.