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**Code** : **20PM01T** 

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II Semester Diploma Examination, February/March-2023

## PROJECT MANAGEMENT SKILLS

	4	TATAL DIVINIO
Tim	ie:3	Hours ] [Max. Marks: 100
Inst	ructio	그런 그렇게 살아보는 그들이 가는 그렇게 되었다. 그런 그는 그는 그는 그들은 사람들이 그렇게 되었다면 그렇게 되었다면 그렇게 되었다.
		and V. III. IV and V.
		(ii) Each full question carries 20 marks.
		가게 보다가 가는 사람들이 있는 사람들은 사람들이 가장 되었다. 그 사람들은 사람들이 되었다면 하는 것이 되었다.
*		SECTION — I
1.	(a)	Define a Project. Mention any three examples for projects you seen.
		And the second s
	(b)	List any five characteristics of a project.
	(c)	Explain the different types of projects.
**	(-)	
	(d)	Give an outline about different sectors where project opportunities are available
pr'ir		as a Project Manager / Project Consultant.
À		forther and the property of th
2.	(a)	List the benefits of project design stage in execution of projects.
	(b)	Explain generalized Work Breakdown Structure (WBS) with a neat sketch.
T "	(c)	Mention any four advantages of effective project team.
	(4)	Prepare a list of project resources needed for construction of residential
Ε,	(d)	- 高級の経済があって、同盟 - 日本教館はど、「、高品格の教育を付けられた行動ではその対象」とはいいには、「高級の関係によってはは、日本のはは、高級はは、「一般など、「一会」と
	4	building.
		사기 가족들은 경에 가가 그렇지 않아 그 집에서 가는 것이 되는 것이 되는 것이 되는 것이 되는 것이 되는 것이 되는 것이 없다.
		SECTION - II
2		Collect the prerequisites for any successful project implementation.
3.	(a)	
	(b)	Explain Project Execution Flan (1217)
		Prepare a detailed Work Breakdown Structure for conducting college annual
	(c)	Prepare a detailed work 22
		day program of your institution.
	14,737	1 of 4 Turn over

Most likely Time

(iv) Expected Time

6

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List the various tools available for project control, review and audit. Write differences between PERT and CPM (Project Evaluation and Review (b) Technique) & Critical Path (method).

who are directly their things The three time estimates  $(t_0)$ ,  $(t_m)$ ,  $(t_p)$  for each activity in a project are given (c) below. Determine the expected time for each activity and also calculate the Standard Deviation of the project.

Activity	Time Estimates				
<u>. (4)</u>	t <sub>o</sub>	t <sub>m</sub>	t <sub>p</sub>		
1 – 2	9	12	21		
1-3	6/	12	18		
2-4	1	1.5	5		
3-4	4	8.5	10		
2-5	10	14	24		

Note: t<sub>o</sub> - Optimistic Time

t<sub>m</sub> - Most likely Time

t<sub>p</sub> - Pessimistic Time

t<sub>e</sub> - Expected Time

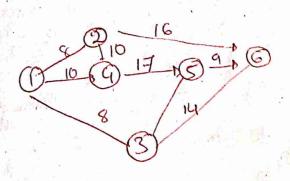
## SECTION – V

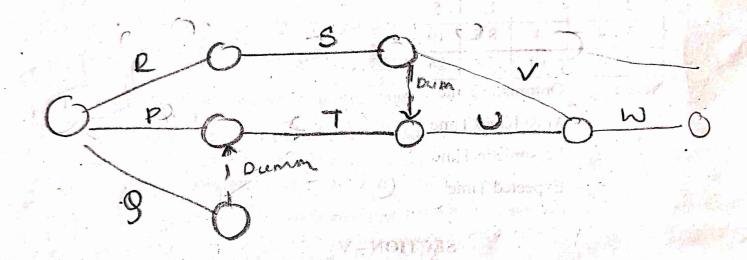
Define critical path, total float and free float. 9. (a)

Explain crashing project duration through network technique. (b)

The following activities constitute a project (i) construct the network to (c) represent the project and also identify the critical path (ii) write all project paths possible.

Activity	Duration (Days)
1 – 2	8
13	8
1-4	10
2-4	10
2-6	16
3 – 5	118
3-6	14
4-5	17
5-6	9





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