Mid - Term Examinations - November 2024

PRESIDENCY UNIVERSITY

BENGALURU

Course Code: CIV2004 **Course Name**: Integrated Project Management

Time: 09.30am to 11.00am Max Marks: 50 Weightage: 25%

Instructions:

(i) Read all questions carefully and answer accordingly. (ii) Do not write anything on the question paper other than roll number.

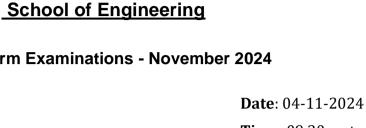
Part A

Answer ALL the Questions. Each question carries 2marks.			5Qx2M=10M		
1	Give any two salient features of Sole - Proprietorship form of business organization.	2 Marks	L1	C01	
2	Briefly explain Activity- on- Node (AoN) method.	2 Marks	L2	CO2	
3	Discuss any four traits of a Project manager.	2 Marks	L1	C01	
4	What is the full form of abbreviations - CPM and PERT?	2 Marks	L1	CO2	
5	Briefly explain Unit Price Contract with an example.	2 Marks	L2	C01	

Part B

Answer ALL Questions. Each question carries 10 marks. 6 Estimation is a cornerstone of efficient planning and resource 10 Marks L2 C01 allocation. By preventing budget overruns and schedule delays, it ensures successful project execution. In this regard, discuss in detail the different types of estimates.

4QX10M=40M



- Organizational culture (OC) is the set of values, beliefs, and 10 Marks L2 CO1 expectations that members of an organization share. Name the management styles and explain them.
- 8 8a A network model is a database model that represents activities 5 Marks L2 CO2 and their relationships. It's a flexible way to represent complicated data relationships more effectively than hierarchical models. Explain A-O-A and A-O-N models in project management.
 - **8b** Construct a rough network diagram using nodes and arrows for 5 Marks L3 CO2 the below project:

Activity	Predecessor activity	Duration in days
А	~	3
В	~	8
С	А	6
D	В	4
Е	А	9
F	C,D	2
G	Е	8
Н	E	5
Ι	F,G	9
J	H.I	1

9 9a Draw a Gantt chart for the below project:

Activity	Predecessor activity	Duration (in days)
А	~	2
В	А	1
С	A,B	1
D	В	2
E	С	3
F	D	2
G	D,E	1
Н	F,G	1

⁹b Using the AON network, draw the network diagram for the 5 Marks L3 above activity showing ES, EF, LS, LF and duration. Also, determine the duration and critical path.

5 Marks L2 CO2

CO2

10		The project management lifecycle is a step-by-step framework of best practices used to monitor a project from its beginning to its end. Explain the Pre-project phase of the Project Management.	10 Marks	L2	C01					
	or									
11		If one is planning to start a business or is interested in expanding an existing one, an important decision relates to the choice of the form of business organization. Discuss on any five forms of business organization that you have come across.	10 Marks	L2	C01					
12	12a	An organization chart is a diagram that illustrates various positions in the organization and the reporting lines between units and people within the organization. Based on the organizational structure, list the advantages and disadvantages of Matrix Organization.	5 Marks	L2	C01					
	12b	Also, discuss any five principles on which structure of organization chart is developed.	5 Marks	L2	C01					
or										
13	13a	Project management competencies are essential qualifications that every project manager should possess. These competencies enable project managers to effectively plan, execute, and complete projects within scope, time, and budget while managing resources and stakeholders. With regard to the above, elaborate on the competencies of a Project management.	5 Marks	L2	C01					
	13b	Also, discuss the unique features of a project.	5 Marks	L2	C01					