

**Internal Assessment Test 1 – Nov 2021**

Sub:	Construction Management & Entrepreneurship	Sub Code:	17CV61	Branch:	Civil		
Date:	10/11/2020	Duration:	90 min's	Max Marks:	50		
		Sem / Sec:	V A		OBE		
<u>Answer any FIVE FULL Questions</u>					MAR KS	CO	RBT

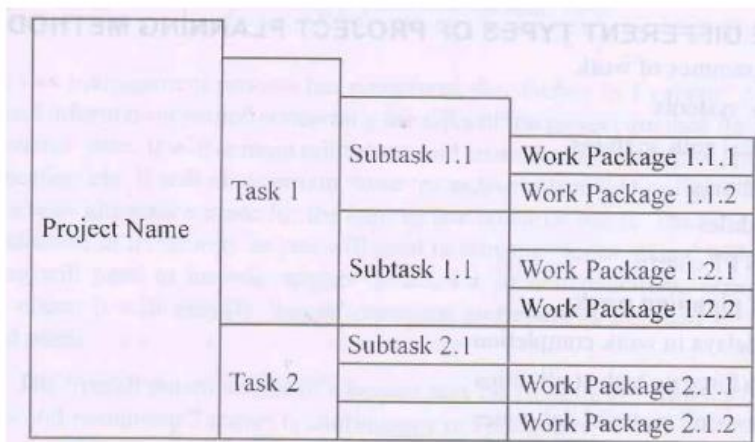
**1 (a) 5 definitions of management** [10] CO 1 L1

**Meaning/Definition of Management**

*“Management is the art of getting things done through people.  
Managers achieve organizational goals by enabling others to perform the necessary tasks by effectively identifying right person for right task”*

*“Management is the process of planning, organizing, leading and controlling the efforts of organization members and of using all other organizational resources to achieve stated organizational goals”*

**2 (a) Draw and explain the Work Breakdown Structure** [06] CO 1 L1



**Figure: Example of outlined WBS**

**WBS** helps manager facilitates evaluation of cost, time and technical performance of the organization on a project. Provides management with information appropriate to each organizational level. Helps in the development of the organization. Breakdown structure which assigns project responsibilities to organizational units and individuals, Helps manager plan, schedule and budget. Defines communication channels and assists in coordinating the various project elements.

**(b) Explain the goals of a WBS.** [04] CO 1 L2

**Goals for WBS**

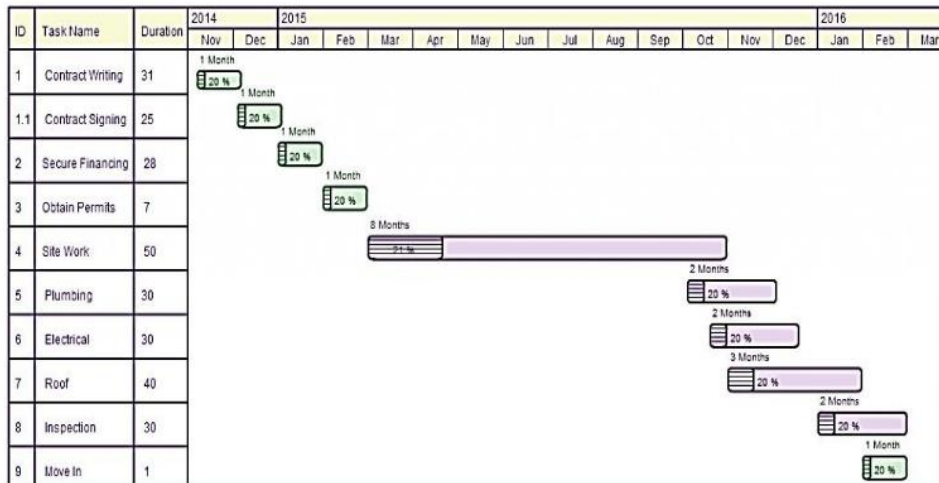
- i. Giving visibility to important work efforts.
- ii. Giving visibility to risky work efforts.
- iii. Illustrate the correlation between the activities and deliverables.
- iv. Show clear ownership by task leaders.

### Overlap or lag

- Overlap between activities (negative lag) is defined as how much a particular activity must be completed before a succeeding activity may start.
- The absence of overlap means that the first activity must finish before the second may start.
- A negative overlap (lag) means a delay is required between the two activities



Describe a Gantt Chart with a diagram and explain the advantages of a [03+03] CO 1 L2  
 4(a) Network over Gantt – Chart.



- What the various activities are
- When each activity begins and ends
- How long each activity is scheduled to last
- Where activities overlap with other activities, and by how much
- The start and end date of the whole project

5.(a) **What is Planning and Explain The purpose of Planning**

[05+05] CO 1 L2

**Importance and Purpose of Planning**

1. Planning provides Direction (purpose to all activities in an organization)
2. Planning minimizes Risk and Uncertainty
3. Planning ensures Coordination (different divisions, departments and people)
4. Planning leads to Economy (optimization)
5. Planning facilitates Decision - Making
6. Planning reduces Overlapping and Wastage of Efforts
7. Planning encourages Innovation and Creativity
8. Planning facilitates Control (people and their activities)
9. Planning improves Morale (of the employees)

6.(a) **Explain about Free float and total float**

[05] CO 1 L1

**Total Float** is the amount of time that an activity can be delayed from its early start date without delaying the project finish date. **Free Float** is the amount of time that an activity can be delayed without delaying the early start date of any successor activity.

(b) **What are the 5 main Functions of a management? Explain in brief.**

[05] CO 1 L1

**Functions of Management**

1. Forecasting (estimation of future sales)
2. Planning (avoid difficulties that may arise in future)
3. Organizing (arranging money, material, machinery, men, etc., of actual execution of work)
4. Staffing (involves recruitment, selection, training and development of personnel required to run the organization)
5. Directing and Motivating (the recruited employees so that they perform their duties effectively)
6. Controlling (the work of employees to ensure everything is proceeding as per plan)
7. Co-ordinating (the efforts of all employees in all departments to move towards common goals)
8. Communication (system should be efficient so as to avoid confusion and misunderstanding)
9. Leadership (qualities required in managers & supervision)
10. Decision Making (to be professional and result-oriented)

Signature of CI

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