

Assignment I

Project Management and Monitoring (OECE-103)

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Branch: Electrical Engineering and Electronics & Communication Engineering

Q 1.

- a) Distinguish between activity and event.
- b) What do you understand by a dummy? What are its uses?
- c) List the main drawbacks of Bar Charts.
- d) Define Slack, Crushing
- e) What are the differences in PERT and CPM Networks?
- f) What are the different types of time estimates?
- g) What is frequency polygon?
- h) What are the indirect costs of the project?
- i) Name the software's which can be employed for the project planning and control.
- j) What do you mean by conducting a crash program?
- k) Define different types of slacks.
- l) Give suitable examples of time-grid diagram.
- m) Write the importance of Dummy activity.
- n) What do you mean by frequency distribution? How do you determine:
 - i. Most likely time
 - ii. Standard deviation from frequency distribution
 - iii. Variance

Q 2.

- a) Draw a typical cost-duration curve and show on it the optimum cost and optimum duration. Explain the importance of the curve.
- b) Discuss the reasons for updating a project plan and hence method of updating. And how frequently updating of a project is carried out?