

## Sikkim Manipal University MBA (Project Management)

### SET-1

Q.1 Describe the various ways of representing network diagram logic. (10 marks)

Q.2 Explain the following:

- a. Organizational breakdown structure.
- b. Cost breakdown structure(10 marks)

Q.3 If optimistic time for an activity is 5 days, estimated time to complete the activity 85 and most likely time 10 days. What is the variance of the activity? (10 marks)

Q.4 Explain the following types of contract:

- a. Cost reimbursable and its variation
- b. Fixed price and lump sum contract
- c. Time & material contract

(10 marks)

Q.5 Describe the factors to be considered when feasibility of a project is examined. Also explain the various qualities that a good project management process encompasses.(10 marks)

Q.6 Describe the following

project management

approaches:

- a. Critical chain project management approach
- b. Event chain methodology approach
- c. Incremental approach
- d. Phased approach(10 marks)

### SET-2

Q.1 Explain the following a) Project Vs. Program Vs. Portfolio b) Project work and Traditional functional work.(10 marks)

Q.2 Compare Operation and project procurement. Also list and explain the project procurement process. (10 marks)

Q.3 Describe the role of project managers in Human resource management and communication management.(10 marks)

Q.4 If the optimistic estimate of an activity is 12 days & pessimistic estimate is 18 days. What is the variance of this activity?(10 marks)

Q.5 Describe the following quality control tools:

- a. Ishikawa diagram
- b. Flow chart
- c. Pareto chart
- d. Scatter diagram(10 marks)

Q.6 List the benefits of WBS? Need for risk management in an organisation-comment.(10 marks)