

### ASSESSMENT # 5

Total Marks: 30

1. Give short answers for the following questions: (18)
  - i. What is the input for creating activity lists?
  - ii. What is the Arrow Diagramming Method and how does it work?
  - iii. How does Project Network Diagram help in creating a flow of project work?
  - iv. What does the term 'decomposition' mean? Why are project activities decomposed?
  - v. How does a project manager decompose project components?
  - vi. Outline the factors that can affect a project's length
  - vii. Define the term 'activity sequencing'. What are the inputs for activity sequencing?
  - viii. Apart from the duration of activities, which other factors can affect a project's time
  - ix. What time - related risks could be involved in a project?
  
2. You are the project manager for a large construction project. The project objective is to construct a set of outbuildings to house the Olympic support team that will be arriving in your city 15 months from the project's start date. You've been given a budget of \$18 million to complete this project. Resources are easily attained.  
Which of the triple constraints is the primary constraint for this project? (4)
  - a. Time, because the date cannot be moved
  - b. Money, because the budget is set at \$18 million
  - c. Resources, because they're not fixed
  - d. Quality, because the buildings have to be functional and safe.
  
3. Explain Precedence Diagramming Methods of arranging project work. (8)