

Question 1: A set of nodes connected by lines which begin at the initial node of work and end at the terminal node is called _____.

- Critical path
- Path
- Node
- Network

Question 2: Which one of the following is not an operations research problem solving steps?

- observation
- definition of the problems
- variable selections
- model construction

Question 3: Which of the following difficulty may found while attempting an LP problem by M-method?

- It often leads to infeasible solution
- Computational error due to large value of M
- Degeneracy is inevitable
- Artificial do not leave the basis

Question 4: In a development project, if an activity (i, j) of duration three days finish earlier on the tenth day then which of the following will be its earlier start day?

- Seventh day
- Third day
- First day
- Fifth day

Question 5: Shortcoming of Big M method is that the value of M could be _____.

- very small
- very large
- negative
- positive

Question 6: In the phase of Early Start and Early Finish, to find the Critical Path in a network flow diagram, for the first node (event), we start with time _____.

- t = infinity
- t = 0
- t = a (arbitrary)