**Business Modelling 2 Planning Projects**

1. Which of the following statements is not true?
   1. A dummy activity represents a real activity
   2. A dummy activity takes zero time
   3. There are two types of dummy activities: logical dummies and uniqueness dummies
   4. Sometimes dummy activities are required to ensure the network makes sense
2. The earliest possible time at which a node can occur is called the:
   1. Crash Time
   2. Float
   3. Earliest event time
   4. Latest event time
3. The latest possible time at which a node can occur is called the:
   1. Latest event time
   2. Duration
   3. Critical time
   4. Float
4. What is the earliest time that an activity can start?
   1. the earliest time of the following event
   2. the earliest time of the preceding event
   3. the earliest finish time of a preceding activity
   4. the earliest start time of the project
5. Which of the following is not used when calculating the float of an activity:
   1. Earliest event time of preceding node
   2. Latest event time of following node
   3. Earliest event time of the following node
   4. Duration of the activity
6. Which of the following statements is not true?
   1. All activities on the critical path have a zero float
   2. The critical path is the longest route through the network
   3. There may be more than one critical path
   4. The critical path is the shortest route through the network
7. Part of a project is described by the following dependence table.

Activity depends on duration

A - 4

B - 2

C A 5

D B 3

What is the duration of the project?

1. 2
2. 5
3. 9
4. 14
5. In the project described below, what is the float of activities B and D?

Activity depends on duration

A - 4

B - 2

C A 5

D B 3

* 1. 4, 4
  2. 4, 0
  3. 2, 3
  4. 0, 0

1. Which of the following characteristics is not possessed by a Gantt chart?
   1. It identifies the critical activities
   2. It allows us to see the interdependence of one activity upon another
   3. It enables us to see how many resources are required at any one time
   4. It can be used to adjust the timing of non-critical activities to spread the workload more evenly
2. What is the name given to the process of reducing the duration of an activity by adding resources and hence usually increasing costs?
   1. Cutting
   2. Smashing
   3. Crashing
   4. Breaking

|  |  |
| --- | --- |
| Question | Answer |
| 1 | A |
| 2 | C |
| 3 | A |
| 4 | B |
| 5 | C |
| 6 | D |
| 7 | C |
| 8 | A |
| 9 | B |
| 10 | C |