Assignment 11

The due date for submitting this assignment is Aug 24, 2020. Be sure you have completed this assignment.

1. What is the following definition typically used in an enterprise?
   (1 point)
   - A process for processing transactions
   - A process for making decisions
   - A process for generating reports
   - A process for creating product
   - The answer is incorrect.

2. Acceptable Answer:
   A process for generating reports

3. What is the purpose of the following in a commercial bakery?
   (1 point)
   - To make bread
   - To make coffee
   - To make donuts
   - To make pies
   - The answer is incorrect.

4. Acceptable Answer:
   To make bread

5. What is the following list of not a side Project Thing?
   (1 point)
   - Cost
   - Time
   - Human Resource
   - Scope
   - The answer is incorrect.

6. Acceptable Answer:
   Scope

7. What is the following definition of the purpose of the WBS?
   (1 point)
   - To identify activities
   - To determine project work
   - To identify expectations between modules and activities
   - All of the above
   - The answer is incorrect.

8. Acceptable Answer:
   All of the above

9. What is the following list of statements concerning Gantt chart is true?
   (1 point)
   - Gantt charts are particularly useful for scheduling and planning large projects.
   - Gantt charts are particularly useful for scheduling and planning projects with complex precedence relationships.
   - The Gantt chart has been a popular project scheduling tool, but it is not really used now.
   - The Gantt chart indicates when extra time is available and activities can be deleted.
   - The answer is incorrect.

10. Acceptable Answer:
    - Gantt charts are particularly useful for scheduling and planning projects with complex precedence relationships.

11. Please refer to the following diagram:
    (1 point)

![Gantt chart diagram]

12. Which of the following statements is correct?
    (1 point)
    - The critical path is 2-6-8-9-11.
    - Activity 3 has a duration of 8.
    - Activity 4 has a duration of 10.
    - Activity 1 has a duration of 8.
    - The answer is incorrect.

13. Acceptable Answer:
    - The critical path is 2-6-8-9-11.

14. Please refer to the following table:
    (1 point)

<table>
<thead>
<tr>
<th>Activity</th>
<th>Time Estimates</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>5-8</td>
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<tr>
<td>B</td>
<td>6-12</td>
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<tr>
<td>C</td>
<td>4-8</td>
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<td>D</td>
<td>2-6</td>
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<td>H</td>
<td>14-16</td>
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<tr>
<td>I</td>
<td>12-14</td>
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<tr>
<td>J</td>
<td>14-16</td>
</tr>
</tbody>
</table>

15. Using the data in Table 1, calculate the expected time and variance for each activity, except of the following statements is true?
    (1 point)
    - The expected time for activity 2 is 10.00.
    - The variance for activity 3 is 1.06.
    - The expected time for activity 4 is 8.50.
    - The variance for activity 5 is 8.50.
    - The answer is incorrect.

16. Acceptable Answer:
    - The variance for activity 3 is 1.06.

17. Please refer to the following table:
    (1 point)

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18. Using the data in Table 1, what is the total project variance if the critical path encompasses activities 2-4-11?
    (1 point)
    - 276.49
    - 324.50
    - 326.49
    - none of the above
    - The answer is incorrect.

19. Acceptable Answer:
    - 276.49

20. In a CPM/PERT network, a dummy activity is necessary when
    (1 point)
    - two activities have the same starting node
    - two activities have the same ending node
    - a node does not actually connect in another network
    - two activities share the same starting and ending node
    - The answer is incorrect.

21. Acceptable Answer:
    - a node does not actually connect in another network

22. What is the following list of not a presumable approach of maintenance?
    (1 point)
    - Inspection
    - Repair
    - Condition Monitoring
    - Schedule Maintenance
    - The answer is incorrect.

23. Acceptable Answer:
    - Condition Monitoring

24. Evaluation of OEE involves following except
    (1 point)
    - Availability
    - Performance efficiency
    - Goal of maintenance
    - Quality manufacturing
    - The answer is incorrect.

25. Acceptable Answer:
    - Quality manufacturing