Assignment 1

The due date for submitting this assignment has passed. Due on 2019-03-13, 23:59 IST.
As per our records you have not submitted this assignment.

1) What is CPM in network analysis?
   a. Construction Path Method  
   b. Critical Path Method  
   c. Certified Public Manager  
   d. Carbon Process Management

   (a)  
   (b)  
   (c)  
   (d)

No, the answer is incorrect.
Score: 0
Accepted Answers: (b)

2) What is PERT in network analysis?
   a. Process Evaluation and Reversal Technique  
   b. Project Evaluation and Review Technique  
   c. Program Evaluation and Redirect Technique  
   d. Path Evaluation and Redirect Technique

   (a)  
   (b)  
   (c)  
   (d)

No, the answer is incorrect.
Score: 0
Accepted Answers: (b)
Identify the end node from the following network diagram.

![Network Diagram]

(a) 1  
(b) 2  
(c) 3  
(d) Both a & b

No, the answer is incorrect. 
Score: 0
Accepted Answers: 
(b)

4) Choose the predecessor of node A in the network? 

(a) C  
(b) A  
(c) D  
(d) Both a & c

No, the answer is incorrect. 
Score: 0
Accepted Answers: 
(a)

5) What is the meaning of AOA diagram in network analysis?

(a) Activity of Area  
(b) Activity of Association  
(c) Activity on Allocation  
(d) Activity on Arrow

No, the answer is incorrect. 
Score: 0
6) What does AON stand for in network analysis?

   a. Activity of a Notion
   b. Activity of Nature
   c. Activity on Node
   d. Activity on Need

   Accepted Answers: (d)

   No, the answer is incorrect.
   Score: 0

   Accepted Answers: (c)

7) The activity represented by the alternate (3,4) is __________.

   a. A
   b. B
   c. C
   d. D

   Accepted Answers: (d)

   No, the answer is incorrect.
   Score: 0

   Accepted Answers: (d)
Identify the correct combination.

<table>
<thead>
<tr>
<th>Network</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>1 Activity on arrow</td>
</tr>
<tr>
<td>Q</td>
<td>2 Activity on node</td>
</tr>
</tbody>
</table>

a. $P \rightarrow 1$
b. $P \rightarrow 2$
c. $Q \rightarrow 1$
d. $Q \rightarrow 2$

No, the answer is incorrect.
Score: 0
Accepted Answers:
(b)
(c)

9) Choose the correct project networks for the activities with the following details.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Immediate predecessor/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>-</td>
</tr>
<tr>
<td>B</td>
<td>A</td>
</tr>
<tr>
<td>C, D</td>
<td>B</td>
</tr>
<tr>
<td>E</td>
<td>C</td>
</tr>
<tr>
<td>F</td>
<td>D</td>
</tr>
<tr>
<td>G</td>
<td>E, F</td>
</tr>
</tbody>
</table>
No, the answer is incorrect.

Score: 0

Accepted Answers:
(b)

10. Find the total days required to complete the following project represented in AOA diagram.

Node A is the starting of the project and node G is the end of the project.

All values are in days.

a. 33
b. 22
c. 20
d. 23
11) In the following AON diagram, which node is NOT the predecessor of node E.

![AON Diagram](image)

- a. B
- b. D
- c. C
- d. G

No, the answer is incorrect.
Score: 0
Accepted Answers:
(d)

12) Choose the correct AON diagram of the given AOA diagram.

![AON Diagram](image)

- a. 
- b. 
- c. 
- d. 

No, the answer is incorrect.
Score: 0
Accepted Answers:
(d)
13. Choose the correct AOA diagram based on the data given in the table.

<table>
<thead>
<tr>
<th>Job</th>
<th>Immediate Predecessor</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>-</td>
<td>14</td>
</tr>
<tr>
<td>a'</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>b</td>
<td>a, a'</td>
<td>3</td>
</tr>
<tr>
<td>c</td>
<td>a</td>
<td>7</td>
</tr>
<tr>
<td>d</td>
<td>c</td>
<td>4</td>
</tr>
<tr>
<td>e</td>
<td>b, d</td>
<td>10</td>
</tr>
</tbody>
</table>

No, the answer is incorrect.
Score: 0
Accepted Answers:
(c)
14) In the domain of network analysis, any path of jobs or activity that leads back to itself subroutine is called a ____________.

- Circle
- Cycle
- Re-occurrence
- Repeated

No, the answer is incorrect.
Score: 0
Accepted Answers:
(d)

1 point

15) Find the redundant node for the node G for the below given project.

<table>
<thead>
<tr>
<th>Job</th>
<th>Immediate predecessor</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>A</td>
</tr>
<tr>
<td>C</td>
<td>A</td>
</tr>
<tr>
<td>D</td>
<td>B</td>
</tr>
<tr>
<td>E</td>
<td>C</td>
</tr>
<tr>
<td>F</td>
<td>D</td>
</tr>
<tr>
<td>G</td>
<td>D, E, F</td>
</tr>
<tr>
<td>H</td>
<td>E, F, G</td>
</tr>
</tbody>
</table>

- D
- E
- F
- Both b & c

(a) (b) (c)
(d)

No, the answer is incorrect.
Score: 0
Accepted Answers:
(a)