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reviewer4@nptel.iitm.ac.in ⌄

NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » **Project management for managers (course)**

Announcements (announcements)

About the Course (https://swayam.gov.in/nd1_noc19_mg31/preview)   Ask a Question (forum)

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Unit 10 - Week-9

Course outline

How to access the portal

Week-1

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○ Lesson-41 Probability Model in Networks- III (unit? unit=69&lesson=70)

Assignment 9

The due date for submitting this assignment has passed. Due on 2019-10-02, 23:59 IST. As per our records you have not submitted this assignment.

1) _____ is the maximum delay possible for an activity with used floats of preceding activities and will not affect the floats of succeeding activities.   *1 point*

○ Total float

○ Free float

○ Independent float

○ Safety float

No, the answer is incorrect.
Score: 0
Accepted Answers:
Independent float

2) Pick the right statement from the given below: *1 point*

○ Slack is the minimum delay possible for an event without affecting its overall duration.

○ Slack is the maximum delay possible for an event without affecting its overall duration

○ Slack is the maximum delay possible for an event with affecting its overall duration

○ Slack is the minimum delay possible for an event with affecting its overall duration

No, the answer is incorrect.
Score: 0
Accepted Answers:
Slack is the maximum delay possible for an event without affecting its overall duration

3) Total float is: *0 points*

TF : Total float,   Tei : Earliest start time,   Tlj : Latest finish time

○ TF = Tlj - tij

○ TF = Tej – Tei- tij

○ TF = Tej – Tli- tij

○ TF = Tlj – Tli - tij

No, the answer is incorrect.
Score: 0

Accepted Answers:
TF = Tlj - tij

4) The difference between the time available to do a job and the time required to do the job, is known as: *1 point*

○ Event

○ Float

○ Duration

○ Constraint

No, the answer is incorrect.
Score: 0

Accepted Answers:
Float

5) Jon snow notes that when his sister arya stark uses the telephone, she takes not less than 6   *1 point*
minutes for a call and sometimes as much as an hour.
    Fifteen minutes calls are more frequent than calls of any other duration.
    If these phone calls were an activity in pert project, than phone calls expected duration will be :

○ 15 minutes

○ 18 minutes

○ 21 minutes

○ 24 minutes

No, the answer is incorrect.
Score: 0

Accepted Answers:
21 minutes

6) What estimate would you give for the variance in the above problem?   *1 point*

○ 81

○ 54

○ 9

○ None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
81

7) Slack time refers to   *1 point*

○ An activity

○ An event

○ Both event and activity

○ None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:

An event

8) Assume that activity G has the following times: ***1 point***

Early start time = 7 days, Early finish time = 13 days, Late start time = 15 days, Late finish time = 21 days.

Which of the following statements is true about activity G?

○ Activity G takes 9 days to complete

○ Activity G has a slack time of 8 days.

○ Activity G is on the critical path.

○ Activity G takes 8 days to complete

No, the answer is incorrect.
Score: 0

Accepted Answers:
Activity G has a slack time of 8 days.

9) Shared slack in an activity network is defined as: ***1 point***

○ The amount of time an activity can be delayed without delaying the entire project.

○ The amount of slack that an activity has in common with another activity.

○ The amount of unused resources for an activity.

○ The amount by which a time estimate can be in error without affecting the critical path computations.

No, the answer is incorrect.
Score: 0

Accepted Answers:
The amount of slack that an activity has in common with another activity.

10) The basic difference between PERT and CPM is that :   ***1 point***

○ PERT deals with events and CPM with activities

○ Critical path is determined in PERT only

○ Costs are considered on CPM only and not in PERT

○ Guessed times are used in PERT and evaluated times in CPM

No, the answer is incorrect.
Score: 0

Accepted Answers:
Guessed times are used in PERT and evaluated times in CPM