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Vendor: AACE International

Exam Code: AACE-PSP

Exam Name: Planning & Scheduling Professional
(PSP)

Version: Demo

QUESTION 1

Using the "normal" schedule, given Activity 3001 and the relationship with Activity 4001, what is indicated?

- A. These activities are concurrent with Activity 4001 starting 15 days after the start of Activity 3001.
- B. These activities are concurrent with Activity 4001 starting 15 days earlier than the start of Activity 3001.
- C. The activities occur in series with a 15-day lag.
- D. The activities run concurrently.

Correct Answer: C

QUESTION 2

Is activity 7001 pictured correctly in the precedence diagram?

- A. No, the total float is not shown correctly.
- B. Yes, except the early finish date is not shown.
- C. No, the start-to-start and finish-to-finish relationships are backwards.
- D. Yes, the duration is 48 days.

Correct Answer: D

QUESTION 3

Crane operators require 1 hour prep and 1 hour clean-up and inspection per day. There is only 1 crane operator allocated per crane. Crane operators are not allowed to work more than 8 hours a day. Lunchtime break lasts 1 hour. Assuming a 10 minute cycle time, how many lifts per day can be expected?

Small Tower Crane

Typical capacity for a Small Crane

Maximum Load 5 tons

Minimum Load 1.5 tons

Operation	Time (in minutes)
Sling Up	5
Hoist Up	4
Discharge	3
Clear Unload Area	3
Hoist Down	2

- A. 36 lifts
- B. 24 lifts
- C. 30 lifts
- D. 48 lifts

Correct Answer: A

QUESTION 4

If a detailed estimate is NOT available to assist in the formulation of activity durations but unit quantities have been identified, what information can be utilized to estimate work package/activity durations?

- A. The Eichleay formula
- B. Historical production rates
- C. Time impact analysis
- D. Black-Scholes model

Correct Answer: B

QUESTION 5

If a cost estimate assumes that 240 hours will be expended on a given activity, and the projected crew size expected to perform that activity is 5 personnel working and 8-hour workday, what is the calculated duration for the activity?

- A. 8 days
- B. 6 days
- C. 4 days
- D. 5 days

Correct Answer: B

QUESTION 6

You are retained by a contractor who asks you to perform a simple as-planned versus as- built analysis (APAB) of a large hydro-electric dam project that took more than five years to complete. Your analysis will form the basis of a change order that requests a time extension. You suggest using a different methodology for quantifying the delay. Which of the following reasons for recommending a different analysis does NOT apply to a simple APAB analysis?

- A. Not suitable for complicated projects with multiple planned critical paths.
- B. Accuracy is increased by inserting delaying events into the as-planned schedule.

- C. Not suitable for projects with long durations.
- D. Less accurate as the analysis advances through the project.

Correct Answer: B

QUESTION 7

Based on the stated costs, what percentage of the total cost comes from the 2000 series of activities?

- A. 3.9% (1 : 25.708)
- B. 2.3% (1 : 43.501).
- C. 9.1% (1 : 11.000).
- D. 8.6% (1 : 11.591)

Correct Answer: B

QUESTION 8

Why does activity 1001 have two successor activities?

- A. Because the late finish of 1001 and the late start of 7001 require two successors
- B. Because the problem could not effectively work with only one successor
- C. Because there are two defined logic paths for the work
- D. Because the duration of activities 2001, 2002 and 200.f require two successors

Correct Answer: C

QUESTION 9

For the late finish for Activity 11001, select the most appropriate response for transitioning from the forward pass.

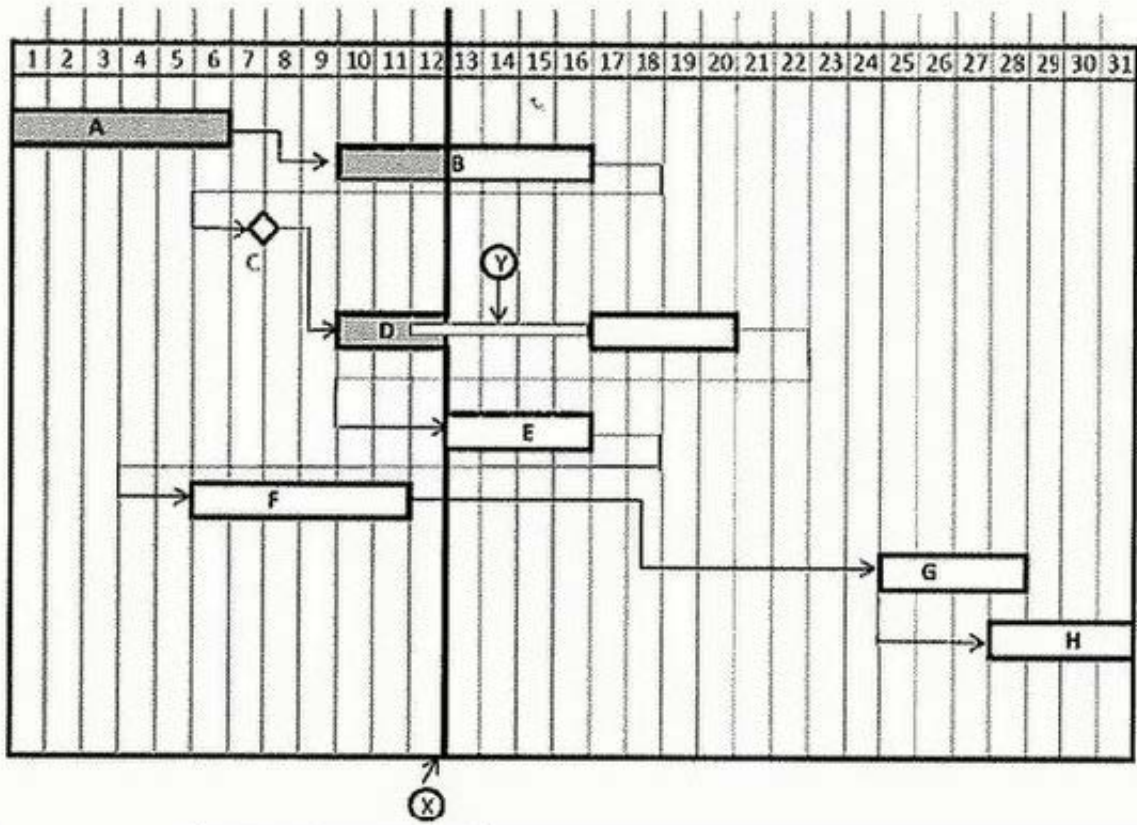
- A. LS.11001 + 25 days.
- B. 02-19-04.
- C. EF.11001.
- D. EF.11001 + 1 day.

Correct Answer: B

QUESTION 10

What is the relationship depicted between Activity G and Activity H?

Refer to the time-scaled network diagram and other information to answer the following questions. Please consider this to be the entire network.



	Original Duration
Activity A	5
Activity B	5
Activity C	0
Activity D	5
Activity E	4
Activity F	3
Activity G	4

- A. You cannot tell with the supplied information.
- B. Start-to-start.
- C. Finish-to-start.
- D. Finish-to-finish.

Correct Answer: B

QUESTION 11

Due to a testing delay, release of the product for manufacture is delayed by 5 workdays and the product manual misses its print window at the printer. If the printer is delayed by 10 workdays, what is the delay to produce release?

- A. 15 days.
- B. 0 days.
- C. 5 days.
- D. 10 days.

Correct Answer: C

QUESTION 12

Each of the following accurately describes total float in a schedule EXCEPT:

- A. The amount of time an activity can be delayed without delaying the overall project completion time.
- B. Can be positive or negative.
- C. The amount of time an activity can be delayed without delaying the start or occurrence of any other activity or event in the network.
- D. Computed for an activity by subtracting its early finish from its late finish, or its early start from its late start.

Correct Answer: C