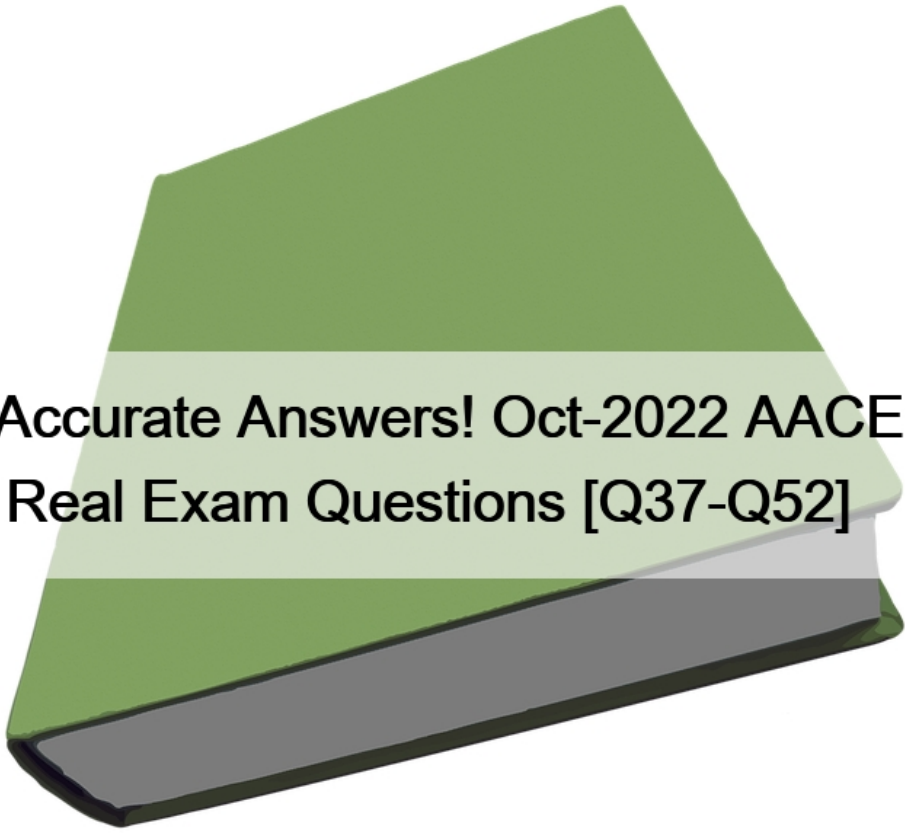


## 100% Accurate Answers! Oct-2022 AACE-PSP Actual Real Exam Questions [Q37-Q52]



## 100% Accurate Answers! Oct-2022 AACE-PSP Actual Real Exam Questions [Q37-Q52]

### **100% Accurate Answers! Oct-2022 AACE-PSP Actual Real Exam Questions Best Value Available! 2022 Realistic Verified Free AACE-PSP Exam Questions**

#### How to study the Planning & Scheduling Professional (PSP) Exam

In general, the education and professional experience of an applicant are the primary sources that prepare the person for the test. As mentioned in the eligibility criteria for the exam, the applicant must have at least 4 to 8 years of industry experience in the field which itself is preparatory material. There are, however, other ways to prepare for the test. AACE itself provides a distant learning opportunity through its website for which applicants can sign up. AACE conducts review sessions and annual meetings in which the participation of an applicant can prove to be very helpful as they will be able to participate and listen to discussions on the topics of planning and scheduling.

Participants must search for the answers to the following questions if they wish to prepare the best for the exam:

- What is planning?- Why is scheduling important?- Why is planning important?

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**What is the duration, language, and format of the Planning & Scheduling Professional (PSP) Exam - Duration of Exam: 5 hours- Format: Multiple choice, compound, scenario questions + 1 memo writing assignment- Passing score: 70%- Total questions: 119- Language of Exam: English **NEW QUESTION 37****

A driving relationship is \_\_\_\_\_.

- \* A critical relationship.
- \* A finish-to-start relationship.
- \* The link between two related activities.
- \* The link between a predecessor and the activity whose dates it controls.

### **NEW QUESTION 38**

Theoretically construct a summary activity for activities 6001 through 6003. Identify the governing predecessor and successor activities for the hammock:

ID	Activity	Logic			Normal Schedule		Crashed Schedule	
		Succ.	Rel.	Lag	Days	Direct Costs	Days	Direct Costs
1000	General Conditions	11001	FF		1072	\$3,080,000	910	\$2,902,900
1001	Preliminary Civil Work	1000 2001 7001	SS FS FS		85	\$563,000	67	\$728,000
2001	River Diversion Stage 1	2002	FS		92	\$150,000	75	\$190,000
2002	River Diversion Stage 2	2003	FS		38	\$25,000	28	35,000
2003	River Diversion Dam	2004 3001	FS FS		15	\$18,000	11	\$20,000
2004	River Diversion to Pipeline	3001 7001	FS FS		38	\$96,000	38	\$96,000
3001	Excavation, Dam Site	4001 4001 5001 5001 7001	SS FF SS FF FS	15 15 65 65	30	\$482,000	100	\$515,000
4001	Excavation, Spillway	5001 7001 9001	SS F FS	4 15	15	\$608,000	118	\$692,000
5001	Drill and Grout Dam Site	6001	FS		102	\$637,000	92	\$650,000
6001	Rock Fill: to elevation 25	6002	FS		140	\$1,352,000	105	\$1,470,000
6002	Rock Fill: to elevation 38	6003	FS		115	\$969,000	95	\$1,125,000
6003	Rock Fill: to elevation 50	8001 9002 9002 9003	FS SS FF FS	65 65	152	\$1,360,000	113	\$1,540,000
7001	Permanent Roads	11001 9004	FS FS		48	\$180,000	38	\$205,000
8001	Valve House Embankment	9004	FS		28	\$28,000	22	\$36,000
9001	Spillway – Concrete	11001 9002 9003	FS FS FS		175	\$1,120,000	155	\$1,305,000
9002	Dam Concrete Facing – Concrete	1001 9005	FS FS		180	\$1,260,000	160	\$1,485,000
9003	Inlet Tower – Concrete 1 of 2	9005	FS	7	70	\$275,000	65	\$295,000
9004	Valve House – Concrete	10002	FS	7	72	\$245,000	66	\$265,000
9005	Inlet Tower – Concrete 2 of 2	10001	FS	7	35	\$28,000	35	\$28,000
10001	Inlet Tower – Complete	11001	FS		25	\$147,000	25	\$147,000
10002	Valve House –	10001	FS		24	\$132,000	24	\$133,000

- \* Predecessor is activity 5001, successor is activity 8001
- \* Predecessor is activity 4001, successor is activity 8001
- \* Predecessor is activity 9001, successor is activity 9002
- \* Predecessor is activity 5001, successor is activity 8002

**NEW QUESTION 39**

Why does activity 11001 not show successor activities?

ID	Activity	Logic			Normal Schedule		Crashed Schedule	
		Succ.	Rel.	Lag	Days	Direct Costs	Days	Direct Costs
1000	General Conditions	11001	FF		1072	\$3,080,000	910	\$2,902,900
1001	Preliminary Civil Work	1000 2001 7001	SS FS FS		85	\$563,000	67	\$728,000
2001	River Diversion Stage 1	2002	FS		92	\$150,000	75	\$190,000
2002	River Diversion Stage 2	2003	FS		38	\$25,000	28	35,000
2003	River Diversion Dam	2004 3001	FS FS		15	\$18,000	11	\$20,000
2004	River Diversion to Pipeline	3001 7001	FS FS		38	\$96,000	38	\$96,000
3001	Excavation, Dam Site	4001 4001 5001 5001 7001	SS FF SS FF FS	15 15 65 65	30	\$482,000	100	\$515,000
4001	Excavation, Spillway	5001 6001 9001	SS F FS	4 15	15	\$608,000	118	\$692,000
5001	Drill and Grout Dam Site	6001	FS		102	\$637,000	92	\$650,000
6001	Rock Fill: to elevation 25	6002	FS		140	\$1,352,000	105	\$1,470,000
6002	Rock Fill: to elevation 38	6003	FS		115	\$969,000	95	\$1,125,000
6003	Rock Fill: to elevation 50	8001 9002 9002 9003	FS SS FF FS	65 65	152	\$1,360,000	113	\$1,540,000
7001	Permanent Roads	11001 9004	FS FS		48	\$180,000	38	\$205,000
8001	Valve House Embankment	9004	FS		28	\$28,000	22	\$36,000
9001	Spillway – Concrete	11001 9002 9003	FS FS FS		175	\$1,120,000	155	\$1,305,000
9002	Dam Concrete Facing – Concrete	1001 9005	FS FS		180	\$1,260,000	160	\$1,485,000
9003	Inlet Tower – Concrete 1 of 2	9005	FS	7	70	\$275,000	65	\$295,000
9004	Valve House – Concrete	10002	FS	7	72	\$245,000	66	\$265,000
9005	Inlet Tower – Concrete 2 of 2	10001	FS	7	35	\$28,000	35	\$28,000
10001	Inlet Tower – Complete	11001	FS		25	\$147,000	25	\$147,000
10002	Valve House –	10001	FS		24	\$132,000	24	\$133,000

- \* The early finish and late finish are circular
- \* It is the penultimate work required for the project
- \* The scheduler forgot to add the successor activities
- \* It is the final activity for the required work for the project

**NEW QUESTION 40**

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

ID	Activity	Logic			Normal Schedule		Crashed Schedule	
		Succ.	Rel.	Lag	Days	Direct Costs	Days	Direct Costs
1000	General Conditions	11001	FF		1072	\$3,080,000	910	\$2,902,900
1001	Preliminary Civil Work	1000 2001 7001	SS FS FS		85	\$563,000	67	\$728,000
2001	River Diversion Stage 1	2002	FS		92	\$150,000	75	\$190,000
2002	River Diversion Stage 2	2003	FS		38	\$25,000	28	35,000
2003	River Diversion Dam	2004 3001	FS FS		15	\$18,000	11	\$20,000
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3001	Excavation, Dam Site	4001 4001 5001 5001 7001	SS FF SS FF FS	15 15 65 65	30	\$482,000	100	\$515,000
4001	Excavation, Spillway	5001 6001 9001	SS F FS	4 15	15	\$608,000	118	\$692,000
5001	Drill and Grout Dam Site	6001	FS		102	\$637,000	92	\$650,000
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6002	Rock Fill: to elevation 38	6003	FS		115	\$969,000	95	\$1,125,000
6003	Rock Fill: to elevation 50	8001 9002 9002 9003	FS SS FF FS	65 65	152	\$1,360,000	113	\$1,540,000
7001	Permanent Roads	11001 9004	FS FS		48	\$180,000	38	\$205,000
8001	Valve House Embankment	9004	FS		28	\$28,000	22	\$36,000
9001	Spillway – Concrete	11001 9002 9003	FS FS FS		175	\$1,120,000	155	\$1,305,000
9002	Dam Concrete Facing – Concrete	1001 9005	FS FS		180	\$1,260,000	160	\$1,485,000
9003	Inlet Tower – Concrete 1 of 2	9005	FS	7	70	\$275,000	65	\$295,000
9004	Valve House – Concrete	10002	FS	7	72	\$245,000	66	\$265,000
9005	Inlet Tower – Concrete 2 of 2	10001	FS	7	35	\$28,000	35	\$28,000
10001	Inlet Tower – Complete	11001	FS		25	\$147,000	25	\$147,000
10002	Valve House –	10001	FS		24	\$132,000	24	\$133,000

- \* LS.11001 + 25 days.
- \* 02-19-04.
- \* EF.11001.
- \* EF.11001 + 1 day.

**NEW QUESTION 41**

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?

- \* 8 days
- \* 6 days
- \* 4 days



- \* 5 days

#### **NEW QUESTION 42**

Which of the following types of delay will NOT result in a time extension and additional compensation for a contractor?

- \* Non-excusable delay
- \* Compensable delay
- \* Non-compensable delay
- \* Excusable delay

#### **NEW QUESTION 43**

Budgeted cost of work scheduled is \_\_\_\_\_.

- \* The value of the completed work expressed in terms of the budget assigned to that work
- \* The total authorized budget for accomplishing the project scope
- \* The expected total cost of an activity, group of activities or the project
- \* The sum of all budgets for work scheduled to be accomplished within a given time period

#### **NEW QUESTION 44**

As a change to the network for the current update, activity 6002 is required to begin ten days after the beginning of activity 6001. Which is the simplest logic organization?

ID	Activity	Logic			Normal Schedule		Crashed Schedule	
		Succ.	Rel.	Lag	Days	Direct Costs	Days	Direct Costs
1000	General Conditions	11001	FF		1072	\$3,080,000	910	\$2,902,900
1001	Preliminary Civil Work	1000 2001 7001	SS FS FS		85	\$563,000	67	\$728,000
2001	River Diversion Stage 1	2002	FS		92	\$150,000	75	\$190,000
2002	River Diversion Stage 2	2003	FS		38	\$25,000	28	35,000
2003	River Diversion Dam	2004 3001	FS FS		15	\$18,000	11	\$20,000
2004	River Diversion to Pipeline	3001 7001	FS FS		38	\$96,000	38	\$96,000
3001	Excavation, Dam Site	4001 4001 5001 5001 7001	SS FF SS FF FS	15 15 65 65	30	\$482,000	100	\$515,000
4001	Excavation, Spillway	5001 6001 9001	SS F FS	4 15	15	\$608,000	118	\$692,000
5001	Drill and Grout Dam Site	6001	FS		102	\$637,000	92	\$650,000
6001	Rock Fill: to elevation 25	6002	FS		140	\$1,352,000	105	\$1,470,000
6002	Rock Fill: to elevation 38	6003	FS		115	\$969,000	95	\$1,125,000
6003	Rock Fill: to elevation 50	8001 9002 9002 9003	FS SS FF FS	65 65	152	\$1,360,000	113	\$1,540,000
7001	Permanent Roads	11001 9004	FS FS		48	\$180,000	38	\$205,000
8001	Valve House Embankment	9004	FS		28	\$28,000	22	\$36,000
9001	Spillway – Concrete	11001 9002 9003	FS FS FS		175	\$1,120,000	155	\$1,305,000
9002	Dam Concrete Facing – Concrete	1001 9005	FS FS		180	\$1,260,000	160	\$1,485,000
9003	Inlet Tower – Concrete 1 of 2	9005	FS	7	70	\$275,000	65	\$295,000
9004	Valve House – Concrete	10002	FS	7	72	\$245,000	66	\$265,000
9005	Inlet Tower – Concrete 2 of 2	10001	FS	7	35	\$28,000	35	\$28,000
10001	Inlet Tower – Complete	11001	FS		25	\$147,000	25	\$147,000
10002	Valve House –	10001	FS		24	\$132,000	24	\$133,000

- \* A start-to-start relationship with a ten-day lag assigned to activity 6001; activity 6002 will be dependent on activity 6001
- \* A start-to-start to relationship for both activities 6001 and 6002 with a ten-day lag assigned to activity

6002.

- \* A start-to-finish relationship with both activities 6001 and 6002 having a ten-day lag
- \* A finish-to-start relationship with a ten-day lag assigned to activity 6002; activity 6001 will be dependent on activity 6002

#### NEW QUESTION 45

Determine the correct formula and date for the late finish for Activity 2001.

ID	Activity	Logic			Normal Schedule		Crashed Schedule	
		Succ.	Rel.	Lag	Days	Direct Costs	Days	Direct Costs
1000	General Conditions	11001	FF		1072	\$3,080,000	910	\$2,902,900
1001	Preliminary Civil Work	1000 2001 7001	SS FS FS		85	\$563,000	67	\$728,000
2001	River Diversion Stage 1	2002	FS		92	\$150,000	75	\$190,000
2002	River Diversion Stage 2	2003	FS		38	\$25,000	28	35,000
2003	River Diversion Dam	2004 3001	FS FS		15	\$18,000	11	\$20,000
2004	River Diversion to Pipeline	3001 7001	FS FS		38	\$96,000	38	\$96,000
3001	Excavation, Dam Site	4001 4001 5001 5001 7001	SS FF SS FF FS	15 15 65 65	30	\$482,000	100	\$515,000
4001	Excavation, Spillway	5001 6001 9001	SS F FS	4 15	15	\$608,000	118	\$692,000
5001	Drill and Grout Dam Site	6001	FS		102	\$637,000	92	\$650,000
6001	Rock Fill: to elevation 25	6002	FS		140	\$1,352,000	105	\$1,470,000
6002	Rock Fill: to elevation 38	6003	FS		115	\$969,000	95	\$1,125,000
6003	Rock Fill: to elevation 50	8001 9002 9002 9003	FS SS FF FS	65 65	152	\$1,360,000	113	\$1,540,000
7001	Permanent Roads	11001 9004	FS FS		48	\$180,000	38	\$205,000
8001	Valve House Embankment	9004	FS		28	\$28,000	22	\$36,000
9001	Spillway – Concrete	11001 9002 9003	FS FS FS		175	\$1,120,000	155	\$1,305,000
9002	Dam Concrete Facing – Concrete	1001 9005	FS FS		180	\$1,260,000	160	\$1,485,000
9003	Inlet Tower – Concrete 1 of 2	9005	FS	7	70	\$275,000	65	\$295,000
9004	Valve House – Concrete	10002	FS	7	72	\$245,000	66	\$265,000
9005	Inlet Tower – Concrete 2 of 2	10001	FS	7	35	\$28,000	35	\$28,000
10001	Inlet Tower – Complete	11001	FS		25	\$147,000	25	\$147,000
10002	Valve House – Complete	10001	FS		24	\$132,000	24	\$133,000

- \* LF.2001 &#8211; 1 day -> 08-28-01.
- \* LS.2002- 1 day-> 08-29-01.
- \* LS.2002 + 1 day -> 08-30-01.
- \* LS.2002 &#8211; 1 day -> 08-28-01.

**NEW QUESTION 46**

Assuming conventional finish-to-start relationships, to calculate a schedule retaining the existing logic means that

- \* It is calculated using the original logic.
- \* It is calculated using logic reflecting out-of-sequence progress.
- \* An out-of-sequence activity cannot resume until all predecessors are finished.
- \* There is no such thing.



#### NEW QUESTION 47

If someone wanted to constrain a project's end date so that any project slippage would cause negative float, they would do so by using

- \* Finish-no-earlier constraint on the first activity
- \* Finish-no-earlier constraint on the last activity
- \* Finish-no-later constraint on the last activity
- \* Start-no-later constraint on the first activity

#### NEW QUESTION 48

All the following describe the critical path of a schedule EXCEPT:

- \* Determined by network logic and is the chain of activities that controls the overall project completion time.
- \* Frequently defined as the shortest path through the schedule.
- \* Changed by redefining the network logic or changing activity durations or both.
- \* The series of activities having the least amount of total float.

#### NEW QUESTION 49

When resource leveling craft labor for a critical path schedule, the scheduler

- \* Must consider breaks in continuity of work for subcontractors, thereby possibly incurring additional subcontractor mobilization and demobilization costs.
- \* Can depend on the results of the resource leveling operation to reflect a useful realignment of all schedule activities without further analysis.
- \* Need not consider its effects, as it is a theoretical concept with limited application to construction projects.
- \* Need only consider the non-union crafts persons.

#### NEW QUESTION 50

Using the crashed schedule, if you start Activity 2002 on August 12, 2001, what is the finish date for Activity 2002?

ID	Activity	Logic			Normal Schedule		Crashed Schedule	
		Succ.	Rel.	Lag	Days	Direct Costs	Days	Direct Costs
1000	General Conditions	11001	FF		1072	\$3,080,000	910	\$2,902,900
1001	Preliminary Civil Work	1000 2001 7001	SS FS FS		85	\$563,000	67	\$728,000
2001	River Diversion Stage 1	2002	FS		92	\$150,000	75	\$190,000
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3001	Excavation, Dam Site	4001 4001 5001 5001 7001	SS FF SS FF FS	15 15 65 65	30	\$482,000	100	\$515,000
4001	Excavation, Spillway	5001 6001 9001	SS F FS	4 15	15	\$608,000	118	\$692,000
5001	Drill and Grout Dam Site	6001	FS		102	\$637,000	92	\$650,000
6001	Rock Fill: to elevation 25	6002	FS		140	\$1,352,000	105	\$1,470,000
6002	Rock Fill: to elevation 38	6003	FS		115	\$969,000	95	\$1,125,000
6003	Rock Fill: to elevation 50	8001 9002 9002 9003	FS SS FF FS	65 65	152	\$1,360,000	113	\$1,540,000
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8001	Valve House Embankment	9004	FS		28	\$28,000	22	\$36,000
9001	Spillway – Concrete	11001 9002 9003	FS FS FS		175	\$1,120,000	155	\$1,305,000
9002	Dam Concrete Facing – Concrete	1001 9005	FS FS		180	\$1,260,000	160	\$1,485,000
9003	Inlet Tower – Concrete 1 of 2	9005	FS	7	70	\$275,000	65	\$295,000
9004	Valve House – Concrete	10002	FS	7	72	\$245,000	66	\$265,000
9005	Inlet Tower – Concrete 2 of 2	10001	FS	7	35	\$28,000	35	\$28,000
10001	Inlet Tower – Complete	11001	FS		25	\$147,000	25	\$147,000
10002	Valve House – Complete	10001	FS		24	\$132,000	24	\$133,000

- \* 09-28-01.
- \* 09-08-01.
- \* 09-15-01.
- \* 09-18-01.

**NEW QUESTION 51**

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

- \* 3.9% (1 : 25.708)
- \* 2.3% (1 : 43.501).
- \* 9.1% (1 : 11.000).
- \* 8.6% (1 : 11.591)

## NEW QUESTION 52

The sum of all budgets for work scheduled to be accomplished within a given time period is the

\_\_\_\_\_.

- \* Estimate at completion (EAC)
- \* Budget at completion (BAC)
- \* Budgeted cost of work performed (BCWP)
- \* Budgeted cost of work scheduled (BCWS)

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