Guaranteed Success in AACE Certification AACE-PSP Exam Dumps [Q21-Q35

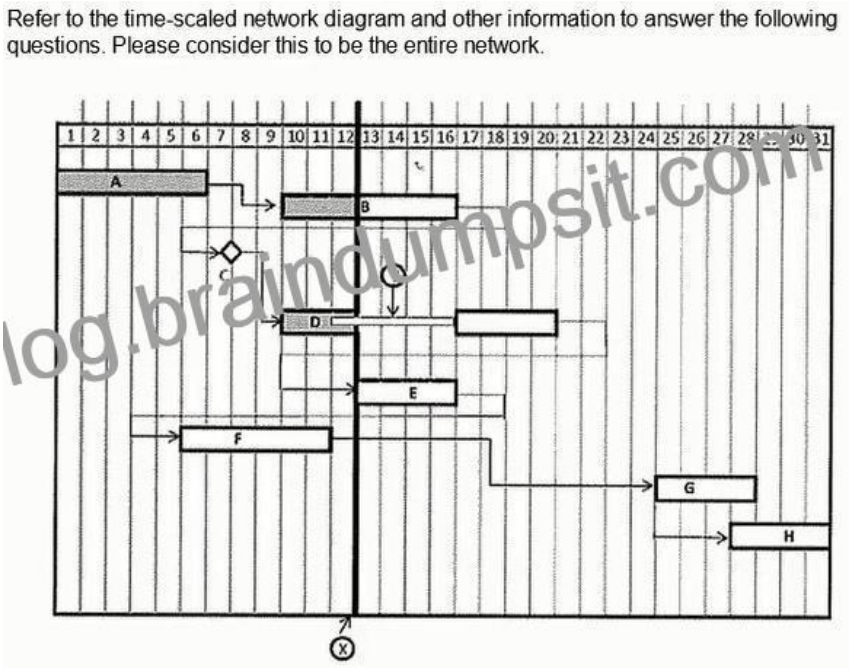
Guaranteed Success in AACE Certification AACE-PSP Exam Dumps
AACE International AACE-PSP Daily Practice Exam New 2022 Updated 120 Questions

NO.21 What is the primary difference between the arrow diagramming method (ADM) and the precedence diagramming method (PDM)?
* ADM is limited to finish-to-start logic relationships, while PDM is not.
* PDM is a bar chart with network logic, while ADM is a pure logic network.
* ADM is manual CPM calculations, while PDM is computerized.
* ADM uses arrows, while PDM uses boxes.

NO.22 An early start constraint dictates
* An activity’s remaining duration.
* The planned start of a successor activity
* The planned start of an activity.
* The actual start of an activity.

NO.23 What was the original planned duration for Activity A through Activity G?

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



* 26.
* 28.
* 24.
* 25.

NO.24 Which of the following will always describe the critical path? The path with
* The longest duration through the network.
* Zero float.
* Negative float.
* The shortest duration and negative float.

NO.25 What is the workweek period for this project?

		Logic			Normal Schedule		Crashed Schedule	
ID	Activity	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 5001 000	SS F F	4 45	1.2	628,000	118	$692,000
5001	Dr[illegible] 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
[illegible]	Valve House –	10001	FS		24	$132,000	24	$133,000

* Monday through Friday
* Sunday through Friday
* Monday through Saturday
* Sunday through Saturday

NO.26 Management has determined the need to release the product 20 days earlier than planned. What tasks need to be expedited?

PSP Scenario #4

Product Development has established the following items with the duration required for each need to be accomplished in order for the release of a new product. Once Product Testing is complete, both Release for Manufacture and Drafting of a product manual can proceed. Proofing and correction of the manual is required prior to printing. Manufacturing and printing of the manual are required to package and make the product available.

ID	Activity Description	Duration	Predecessors
A	Complete Product Testing	30	-
B	Release for Manufacture	0	A
C	Draft Product Manual	20	A
D	Manufacture Product	60	B
E	Proof Product Manual	10	C
F	Print Project Manual	20	E
G	Package Product	10	D, F
H	Product Available Date	0	G

* Drafting and Proofing the Manual.
* Packaging only.
* Printing the Manual.
* Testing, Manufacturing and Packaging.

NO.27 Project delays are best analyzed
* After either the contractor or the owner acknowledges responsibility for the delay.
* Contemporaneously with the delay.
* By an expert after the project is finished when complete records are available and the impact is known.
* Late in the project.

NO.28 Determine the correct formula and date for the late finish for Activity 2002.

		Logic			Normal Schedule		Crashed Schedule	
ID	Activity	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 5001 [illegible]	SS FF FS	[illegible]	[illegible]	[illegible]	118	$692,000
5001	[illegible] Dam Site	[illegible]	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
[illegible]	Valve House –	10001	FS		24	$132,000	24	$133,000

* LS.2003 – 1 day -> 11.06.01.
* LS.2003 – 1 day -> 10-06-01.
* LS.2003 + 1 day -> 10-07-01.
* LS.2003 – 1 day -> 10-05-01.

NO.29 Each column must be poured in one day. Each column requires 2,000 cubic feet of concrete. The lift bucket has a capacity of 40 cubic feet. How many lifts will be required per column pour?

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

* 80 lifts
* 50 lifts
* 5 lifts
* 20 lifts

NO.30 Which of the following is NOT input data to the construction planning process?
* Input from the owner
* The contract
* Bonding capacity of subcontractors
* Input from the contractor

NO.31 Which of the following is NOT required when performing weekly or monthly schedule updates?
* Percent complete.
* Remaining duration of activities.
* Actual finish of activities.
* Original duration of activities.

NO.32 For the late finish for Activity 11001, select the most appropriate response for transitioning from the forward pass.

		Logic			Normal Schedule		Crashed Schedule	
ID	Activity	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 5001 [illegible]	SS FF FS	[illegible]	[illegible]	[illegible]	118	$692,000
5001	Drilled grout Dam Site	[illegible]	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
[illegible]	Valve House –	10001	FS		24	$132,000	24	$133,000

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

NO.33 Why does activity 11001 not show successor activities?

		Logic			Normal Schedule		Crashed Schedule	
ID	Activity	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 5001 6001	SS FF FS	47 45	112	628,000	118	$692,000
5001	Drilled 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
[illegible]	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

NO.34 If drafting of the product manual overruns its planned duration by 5 days, how many days may the manufacturing be delayed without affecting release of the product?

PSP Scenario #4

Product Development has established the following items with the duration required for each need to be accomplished in order for the release of a new product. Once Product Testing is complete, both Release for Manufacture and Drafting of a product manual can proceed. Proofing and correction of the manual is required prior to printing. Manufacturing and printing of the manual are required to package and make the product available.

ID	Activity Description	Duration	Predecessors
A	Complete Product Testing	30	-
B	Release for Manufacture	0	A
C	Draft Product Manual	20	A
D	Manufacture Product	60	B
E	Proof Product Manual	10	C
F	Print Project Manual	20	E
G	Package Product	10	D, F
H	Product Available Date	0	G

* 15 days.
* 10 days.
* 0 days.
* 5 days.

NO.35 Which of the following is NOT true?
* Remaining durations can exceed original durations.
* Constraints can interfere with the longest path calculation.
* Multiple calendars can affect the total float calculation.
* A network must contain only one Critical Path.

For more info read reference:
Official Website
Exam Contents
FAQs and Guide

What is the duration, language, and format of the Planning & Scheduling Professional (PSP) Exam - Duration of Exam: 5 hours- Passing score: 70%- Language of Exam: English- Total questions: 119- Format: Multiple choice, compound, scenario questions + 1 memo writing assignment **Test Engine to Practice AACE-PSP Test Questions:**
https://www.braindumpsit.com/AACE-PSP_real-exam.html]