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)?

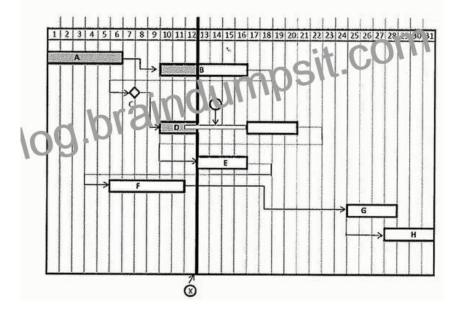
- * ADM is limited to finish-to-start logic relationships, while PDM is not.
- * PDM is a bar chart with network logic, while ADM is a pure logic network.
- * ADM is manual CPM calculations, while PDM is computerized.
- * ADM uses arrows, while PDM uses boxes.

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?

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	Logic			Norn	nal Schedule	Crashed Schedule	
Activity	Succ.	Rel.	Lag	Days	Direct Costs	Days	Direct Costs
General Conditions	11001	FF		1072	\$3,080,000	910	\$2,902,900
Preliminary Civil Work	1000 2001 7001	SS FS FS		85	\$563,000	67	\$728,000
River Diversion Stage 1	2002	FS		92	\$150,000	75	\$190,000
River Diversion Stage 2	2003	FS		38	\$25,000	28	35,000
River Diversion Dam	2004 3001	FS FS		15	\$18,000	11	\$20,000
River Diversion to Pipeline	3001 7001	FS FS	_	38	\$96,000	38	\$96,000
Excavation, Dam Site	4001 4001 5001 5001 7001	SS FF SS FF FS	15 15 65 65	30	\$482,000	100 C	\$515,000
Excavation, Spillway	5001 5001	SS F	4- 45	1, 2	670,00	118	\$692,000
Dri land irout	001	FS		102	\$637,000	92	\$650,000
Rock Fill: to	6002	FS		140	\$1,352,000	105	\$1,470,000
Rock Fill: to elevation 38	6003	FS		115	\$969,000	95	\$1,125,000
Rock Fill: to elevation 50	8001 9002 9002 9003	FS SS FF FS	65 65	152	\$1,360,000	113	\$1,540,000
Permanent Roads	11001 9004	FS FS		48	\$180,000	38	\$205,000
Valve House Embankment	9004	FS		28	\$28,000	22	\$36,000
Spillway – Concrete	11001 9002 9003	FS FS FS		175	\$1,120,000	155	\$1,305,000
Dam Concrete Facing – Concrete	1001 9005	FS FS		180	\$1,260,000	160	\$1,485,000
Inlet Tower – Concrete 1 of 2	9005	FS	7	70	\$275,000	65	\$295,000
Valve House – Concrete	10002	FS	7	72	\$245,000	66	\$265,000
Inlet Tower – Concrete 2 of 2	10001	FS	7	35	\$28,000	35	\$28,000
Inlet Tower – Complete	11001	FS		25	\$147,000	25	\$147,000
	General Conditions Preliminary Civil Work River Diversion Stage 1 River Diversion Stage 2 River Diversion Dam River Diversion to Pipeline Excavation, Dam Site Excavation, Dam Site Excavation, Dam Site Excavation, Dam Site Rock Fill: to elevation 25 Rock Fill: to elevation 38 Rock Fill: to elevation 50 Permanent Roads Valve House Embankment Spillway – Concrete Dam Concrete Facing – Concrete Inlet Tower – Concrete 2 of 2 Inlet Tower –	ActivitySucc.General Conditions11001Conditions1000 2001Preliminary Civil Work1000 2001River Diversion Stage 12002River Diversion Stage 22004 2004River Diversion to Pipeline2004 3001River Diversion to Pipeline3001 4001Excavation, Dam Site3001 5001 5001 5001Excavation, Dam Site5001 5001 5001 5001Excavation, Spillway000Dr. La. d. roution elevation 256003 9002 9003Rock Fill: to elevation 506003 9002 9003Permanent Roads Spillway- Concrete11001 9004Valve House Embankment9005 1001 Facing - Concrete 9005Dam Concrete Facing - Concrete Inlet Tower - Concrete 1 of 21001 1001 1001 1001 1001 1001 1001 1001 1001 1001 1001 1001 1001 1001 1001 1001 1001 11001 1001	ActivitySucc.Rel.General Conditions11001FFConditions1000SSPreliminary Civil Work1000SSNiver Diversion2002FSStage 12003FSRiver Diversion2004FSStage 23001FSRiver Diversion to Dam3001FSRiver Diversion to Pipeline3001FSStage 24001SSRiver Diversion to Pipeline3001FSStage 27001FSRiver Diversion to Pipeline3001FSDam3001FSExcavation, Dam Site5001SSSoon SpillwayS001FSDr. Ital d. routionC001FSPack Fill: to elevation 256003FSRock Fill: to elevation 509002FSPermanent Roads9004FSValve House Embankment9004FSDam Concrete Facing - Concrete9005FSDam Concrete Inlet Tower - Concrete 1 of 2FSValve House - Concrete10002FSInlet Tower - Concrete 2 of 210001FSInlet Tower - Concrete 2 of 210001FSInlet Tower - Concrete 2 of 210001FSInlet Tower - Concrete 2 of 210001FS	ActivitySucc.Rel.LagGeneral Conditions11001FFPreliminary Civil Work1000 2001SSPreliminary Civil Work1000 2001SSRiver Diversion Stage 12002FSRiver Diversion Stage 22003FSRiver Diversion Dam2004FSDam3001FSRiver Diversion to Dam3001FSPipeline7001FSExcavation, Dam Site5001 5001SS655001FF65Dr. Itan du roution SpillwayCO1FSDr. Itan du roution Permanent Roads6003FSRock Fill: to elevation 509002FF9003FSPermanent Roads11001 9002FSPermanent Roads9004FSSpillway - Concrete9005FSDam Concrete Facing - Concrete9005FSDam Concrete Facing - Concrete10001FS7Concrete 2 of 210001FS7Inlet Tower - Concrete 2 of 210001FS <td>ActivitySucc.Rel.LagDaysGeneral Conditions11001FF1072Preliminary Civil Work1000SS85River Diversion Stage 12002FS92River Diversion Stage 22003FS92River Diversion Dam2004FS15River Diversion Dam2004FS15River Diversion to Pipeline3001FS15River Diversion to Pipeline3001FS38River Diversion to Pipeline3001FS30Site5001SS1530Site5001SS655001FS2001FS10212Dr I and rout Spillway6001FS102Dr I and rout Spillway6001FS140OFS11515102Rock Fill: to elevation 256003FS115Rock Fill: to elevation 509002FS140Permanent Roads 90047528152Permanent Roads 90037518070Spillway - Concrete11001FS180Pack Fill: to elevation 509002FS175Dam Concrete Fo1001FS770Oractet 1 of 277070Concrete 1 of 277272Inlet Tower - Concrete 2 of 210001FS7Inlet Tower - Conc</td> <td>Activity Succ. Rel. Lag Days Direct Costs General Conditions 11001 FF 1072 \$3,080,000 Preliminary Civil Work 1000 SS 85 \$563,000 Work 7001 FS 92 \$150,000 Stage 1 2002 FS 92 \$150,000 Stage 1 2003 FS 38 \$25,000 Stage 1 2004 FS 38 \$25,000 River Diversion 2004 FS 38 \$96,000 Dam 3001 FS 38 \$96,000 Fiver Diversion to 3001 FS 38 \$96,000 Pipeline 4001 SS 15 30 \$482,000 Excavation, Soni SS 65 55 5 5 Ste 5001 FS 102 \$637,000 \$1,352,000 Excavation, Spillway 5001 FS 115 \$969,000 \$1,352,000 <td< td=""><td>Activity Succ. Rel. Lag Days Direct Costs Days General Conditions 11001 FF 1072 \$3,080,000 910 Preliminary Civil Work 1000 SS 85 \$563,000 67 River Diversion 2002 FS 92 \$150,000 75 Stage 1 2003 FS 38 \$25,000 28 River Diversion 2003 FS 38 \$96,000 11 Dam 3001 FS 38 \$96,000 38 Pipeline 7001 FS 38 \$96,000 38 Excavation, Dam S001 FS 15 30 \$482,000 100 FS 7001 FS 30 \$482,000 100 FS Stage 2 7001 FS 15 30 \$482,000 100 Excavation, Dam S001 SS 65 50 12 \$637,000 92 Dri and rou</td></td<></td>	ActivitySucc.Rel.LagDaysGeneral Conditions11001FF1072Preliminary Civil Work1000SS85River Diversion Stage 12002FS92River Diversion Stage 22003FS92River Diversion Dam2004FS15River Diversion Dam2004FS15River Diversion to Pipeline3001FS15River Diversion to Pipeline3001FS38River Diversion to Pipeline3001FS30Site5001SS1530Site5001SS655001FS2001FS10212Dr I and rout Spillway6001FS102Dr I and rout Spillway6001FS140OFS11515102Rock Fill: to elevation 256003FS115Rock Fill: to elevation 509002FS140Permanent Roads 90047528152Permanent Roads 90037518070Spillway - Concrete11001FS180Pack Fill: to elevation 509002FS175Dam Concrete Fo1001FS770Oractet 1 of 277070Concrete 1 of 277272Inlet Tower - Concrete 2 of 210001FS7Inlet Tower - Conc	Activity Succ. Rel. Lag Days Direct Costs General Conditions 11001 FF 1072 \$3,080,000 Preliminary Civil Work 1000 SS 85 \$563,000 Work 7001 FS 92 \$150,000 Stage 1 2002 FS 92 \$150,000 Stage 1 2003 FS 38 \$25,000 Stage 1 2004 FS 38 \$25,000 River Diversion 2004 FS 38 \$96,000 Dam 3001 FS 38 \$96,000 Fiver Diversion to 3001 FS 38 \$96,000 Pipeline 4001 SS 15 30 \$482,000 Excavation, Soni SS 65 55 5 5 Ste 5001 FS 102 \$637,000 \$1,352,000 Excavation, Spillway 5001 FS 115 \$969,000 \$1,352,000 <td< td=""><td>Activity Succ. Rel. Lag Days Direct Costs Days General Conditions 11001 FF 1072 \$3,080,000 910 Preliminary Civil Work 1000 SS 85 \$563,000 67 River Diversion 2002 FS 92 \$150,000 75 Stage 1 2003 FS 38 \$25,000 28 River Diversion 2003 FS 38 \$96,000 11 Dam 3001 FS 38 \$96,000 38 Pipeline 7001 FS 38 \$96,000 38 Excavation, Dam S001 FS 15 30 \$482,000 100 FS 7001 FS 30 \$482,000 100 FS Stage 2 7001 FS 15 30 \$482,000 100 Excavation, Dam S001 SS 65 50 12 \$637,000 92 Dri and rou</td></td<>	Activity Succ. Rel. Lag Days Direct Costs Days General Conditions 11001 FF 1072 \$3,080,000 910 Preliminary Civil Work 1000 SS 85 \$563,000 67 River Diversion 2002 FS 92 \$150,000 75 Stage 1 2003 FS 38 \$25,000 28 River Diversion 2003 FS 38 \$96,000 11 Dam 3001 FS 38 \$96,000 38 Pipeline 7001 FS 38 \$96,000 38 Excavation, Dam S001 FS 15 30 \$482,000 100 FS 7001 FS 30 \$482,000 100 FS Stage 2 7001 FS 15 30 \$482,000 100 Excavation, Dam S001 SS 65 50 12 \$637,000 92 Dri and rou

- * 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. On a Product Testing is complete, both Release for Manufacture and Drafting of a product manual can proceed. Proofing and correction of the manual is naquired prior to printing. Manufacturing and printing of the manual and equived to package and make the product available.

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

* Drafting and Proofing the Manual.

hra

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- * 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.

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		-	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 00	SS F	4- 45	1,2	619,000	118	\$692,000
5001	Dri l'and irout Dar i Site	001	FS		102	\$637,000	92	\$650,000
6' 01	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
	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?

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Small Tower Crane

Typical capacity for a Sm	all Crane
Maximum Load 5 tor	mpsit.com
109.0	ons 🗟
Operation	Time (in minutes)
Sling Up	5
Hoist Up	4
rioiscop	
Discharge	3

- * 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.

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			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
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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		\$515,000
4001	Excavation, Spillway	5001 5001 00	SS F	4- 4:	1,2	619,000	118	\$692,000
5001	Dr. I and irout Dar i Site	001	FS		102	\$637,000	92	\$650,000
6' 01	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
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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

* LS.11001 + 25 days.

* 02-19-04.

- * EF.11001.
- * EF.11001 + 1 day.

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

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		-	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
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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		\$515,000
4001	Excavation, Spillway	5001 5001 00	SS F	4- 4:	1.2	612,00	118	\$692,000
5001	Dri hand irout Dari Site	001	FS		102	\$637,000	92	\$650,000
6' 01	Rock Fill: to elevation 25	6002	FS		140	\$1,352,000	105	\$1,470,000
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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
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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
	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. On a Product Testing is complete, both Release for Manufacture and Drafting of a product manual can proceed. Proofing and correction of the manual is in quired, 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	-
В	Release for Manufacture	0	A
С	Draft Product Manual	20	A
D	Manufacture Product	60	В
E	Proof Product Manual	10	С
F	Print Project Manual	20	E
G	Package Product	10	D, F
H	Product Available Date	0	G

* 15 days.

1.0

- * 10 days.
- * 0 days.
- * 5 days.

NO.35 Which of the following is NOT true?

C

- * 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:** <u>https://www.braindumpsit.com/AACE-PSP real-exam.html</u>]