

Free Questions for [AAACE-PSP](#)

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Question 1

Question Type: MultipleChoice

Determine the correct formula and date for the late finish for Activity 9004.

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 5001 9001	SS FF FS	45 45	152	\$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	1001	FS		180	\$1,260,000	160	\$1,485,000

Options:

A- LS.10002 + 1 day -> 11-29-03.

B- LS.10002^ Lag.7 + i day -> 11-20-03.

C- LS.10002 - 1 day -> 11-27-03.

D- LS.10002 - Lag.7 - l day -> 11-20-03.

Answer:

B

Question 2

Question Type: MultipleChoice

Determine the correct formula and date for the late start for the Activity 11001:

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 5001 9001	SS FF FS	45 45	152	\$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	1001	FS		180	\$1,260,000	160	\$1,485,000

Options:

A- LF.1001 + DUR.10001 -> 01-14-04.

B- LF.11001 - Dur.11001 -> 01-16-04.

C- LF.11001 - 27 days + 1 day -> 01-14- 04.

D- LF.10001 + 1 day -> 01-16-04.

Answer:

D

Question 3

Question Type: MultipleChoice

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
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 9001	SS FF FS	45 45	152	\$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	1001	FS		180	\$1,260,000	160	\$1,485,000

Options:

A- LS.11001 + 25 days.

B- 02-19-04.

C- EF.11001.

D- EF.11001 + 1 day.

Answer:

B

Question 4

Question Type: MultipleChoice

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

Options:

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

Answer:

B

Question 5

Question Type: MultipleChoice

Using the "normal" schedule, and assuming you are billing on the last day of the month for previous month and for appropriate partial months, how many invoices will you have for this project?

Options:

- A- 42.
- B- 36.

C- 40.

D- 37.

Answer:

B

Question 6

Question Type: MultipleChoice

What activities are concurrent to Activity 2001 in the "normal" schedule?

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 5001 9001	SS FF FS	45 45	152	\$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	1001	FS		180	\$1,260,000	160	\$1,485,000

Options:

A- 7001.

B- 1001.

C- 1000.

D- 2003.

Answer:

A

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