

# Construction Management

1 Multiple Choice 1 point

In a construction project schedule, the critical path is:

- ☐ The activities most likely to cause safety incidents.
- ☐ The sequence of activities with the highest total cost.
- ☐ The path of activities that determines the minimum project duration.
- ☐ The activities with the greatest number of resources assigned.

2 Multiple Choice 1 point

Which type of construction contract places the most financial risk on the contractor?

- ☐ Unit price
- ☐ Guaranteed maximum price
- ☐ Lump sum (fixed price)
- ☐ Cost-plus-fixed-fee

3 Multiple Choice 1 point

A change order is typically issued when:

- ☐ The contractor wants to purchase new equipment for future projects.
- ☐ The owner requests a modification to the work after contract award.
- ☐ Weather delays require the project to be extended.
- ☐ The contractor submits their final payment application.

4

Multiple Choice 1 point



□ Calculator

Using the given activity network, what is the total project duration?

A small building project has the following activities:

Activity	Duration (days)	Immediate Predecessor(s)
A	4	
B	3	A
C	5	A
D	2	B
E	6	C
F	3	D, E

- ☐ 15 days
- ☐ 20 days
- ☐ 22 days
- ☐ 18 days

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Multiple Choice 1 point

Which sequence represents the critical path?

- ☐ A → C → E → F
- ☐ A → B → D → F
- ☐ B → C → E → F
- ☐ A → C → D → F