

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

5

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