

QUIZ NO: 739

TOPIC: CONCRETE TECHNOLOGY

DATE: 22/07/2023

1. The formwork should be sufficiently strong enough to bear the of weight concrete as well as the weights of the equipment, labour, etc:

- [A] Live load
- [B] Dead load
- [C] Wind load
- [D] Snow load

Answer: B

2. Stripping time for removal of props of slabs spanning over 4.5m for the concrete made using OPC?

- [A] 3 days
- [B] 7 days
- [C] 14 days
- [D] 21 days

Answer: C

3. Stripping time for removal of props of beams spanning over 6m for the concrete made using OPC:

- [A] 3 days
- [B] 7 days
- [C] 14 days
- [D] 21 days

Answer: D

4. Hydration of cement is chemical reaction of cement with _____

- [A] base
- [B] Acid
- [C] Salt and acid
- [D] Water

Answer: D

5. The age factor after 1 year of concrete life is:

- [A] 1.05
- [B] 1.15
- [C] 1.10
- [D] 1.2

Answer: D

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6. Strength of concrete increases with:

- [A] Increase in w/c
- [B] Decrease in w/c
- [C] Decrease in aggregate size
- [D] D. Decrease in curing time

Answer: B

7. How many methods of batching are there?

- [A] 2
- [B] 3
- [C] 5
- [D] 6

Answer: A

8. How many types of machine mixers are available?

- [A] 4
- [B] 5
- [C] 6
- [D] 3

Answer: D

9. Compacting is done to:

- [A] Place concrete on flat surface
- [B] Remove air bubbles
- [C] Place concrete on sloping surface
- [D] Introduce air bubbles

Answer: B

10. The size of cube used for testing compressive strength of cement is _____:

- [A] 50 mm
- [B] 70.6 mm
- [C] 100 mm
- [D] 150 mm

Answer: B

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