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9497498415 | 16 | 17

ANSWER KEY

**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





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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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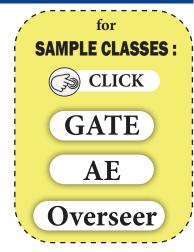
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6. Strength of concrete increases with	:
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- [A] Increase in w/c
- [B] Decrease in w/c
- [C] Decrease in aggregate size
- [D] D. Decrease in curing time

**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** 





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ANSWER KEY

9.	Com	pacting	is	done	to
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- [A] Place concrete on flat surface
- [B] Remove air bubbles
- [C] Place concrete on sloping surface
- [D] Introduce air bubbles

**Answer: B** 

<b>10.</b> The	size	of	cube	used	for	testing	compressive	strength	of	cement
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is\_\_\_\_:

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

**Answer: B** 

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