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ANSWER KEY

QUIZ NO: 740

TOPIC: CONCRETE TECHNOLOGY

DATE: 25/07/2023

- 1. How many times in each layer of concrete rodded in a slump cone:
 - [A] 75
 - [B] 25
 - [C] 12 to 15
 - [D] 35 to 65

Answer: B

- 2. How many types of tests are there to find workability?
 - [A] 3
 - [B] 4
 - [C] 5
 - [D] 6

Answer: C





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3.	Which test used for low workable concretes?	
	[A] Slump test	
	[B] Compacting factor test	
	[C] Flow table test	
	[D] Vee Bee test	
	Answer: B	
4.	Which test Used for high workable concretes?	
	[A] Slump test	
	[B] Compacting factor test	
	[C] Flow table test	
	[D] Vee Bee test	
	Answer: C	
5.	is practical in field test	
	[A] Slump test	
	[B] Compacting factor test	
	[C] Flow table test	

[D] Kelly Ball Test

Answer: D

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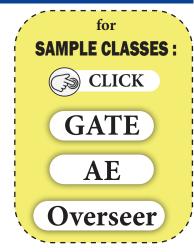
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ANSWER KEY

6. How to improve the workability of concrete?

- [A] Increase the w/c ratio
- [B] Decrease the w/c ratio
- [C] Decrease the size of aggregates
- [D] Don't mix it for longer time

Answer: A

7. The risk of segregation is more for

- [A] Wetter mix
- [B] Larger proportion of maximum size aggregate
- [C] Coarser grading
- [D] All the above

Answer: D

8. For a satisfactory workable concrete with a constant W.C. ratio increase in aggregate cement ratio

- [A] Increases the strength of concrete
- [B] Decreases the strength of concrete
- [C] No effect on the strength of concrete
- [D] None of these

Answer: B





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- 9. The main object of compaction of concrete is _____.
 - [A] To eliminate air holes
 - [B] To achieve maximum density
 - [C] To get intimate contact between the concrete and embedded material
 - [D] All the options are correct

Answer: D

10. Pick up the correct statement from the following

- [A] Higher workability indicates unexpected increase in the moisture content
- [B] Higher workability indicates deficiency of sand
- [C] If the concrete mix is dry, the slump is zero
- [D] All options are correct

Answer: D

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