

## QUIZ NO: 729

### TOPIC: CONCRETE TECHNOLOGY

**DATE: 20/05/2023**

**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**

**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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**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**

**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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