

QUIZ NO: 324

TOPIC: CONCRETE TECHNOLOGY

DATE: 06/08/2020

1. Which aggregates have low shrinkage?

- [1] Gravel
- [2] Sand stone
- [3] Quartz
- [4] Granite

Answer: C

2. Strength of concrete is proportional to?

- [1] Sand content
- [2] Water cement ratio
- [3] Aggregate ratio
- [4] Cement water ratio

Answer: D

3. The Static modulus of elasticity of concrete has been related to its?

- [1] Tensile strength
- [2] Compressive strength
- [3] External strength
- [4] Applied force

Answer: B

4. Admixtures which cause early setting and hardening of concrete?

- [1] Accelerators
- [2] Plasticizers
- [3] Retarders
- [4] Air Entraining Admixtures

Answer: A

5. Permissible limit of chloride content in water used for RCC work?

- [1] 2000mg/l
- [2] 200 mg/l
- [3] 500mg/l
- [4] 400mg/l

Answer: C

6. Quantity of water in litres required for M10 mix concrete per 50kg of cement as per IS 456?

- [1] 60
- [2] 45
- [3] 34
- [4] 32

Answer: C

7. Concrete is unsuitable for compaction by a vibrator if it is?

- [1] Dry
- [2] Earth Moist
- [3] Semi Plastic
- [4] Plastic

Answer: D

8. The process mixing, transportation, placing and compaction of concrete using low heat cement should be within?

- [1] 60 minutes
- [2] 30 minutes
- [3] 5 minutes
- [4] 10 minutes

Answer: A

9. The continuous strain, which the concrete undergoes due to application of external loads, is called?

- [1] Workability
- [2] Bleeding
- [3] Segregation
- [4] Creep

Answer: D

10. For given water content, workability increases if the concrete aggregates contain an excess of?

- [1] Elongated Aggregates
- [2] Flaky Aggregates
- [3] Rounded Aggregates
- [4] Angular Aggregates

Answer: C

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