

## QUIZ NO: 724

### TOPIC: CONCRETE TECHNOLOGY

**DATE: 30/05/2023**

**1. What property does steel impart to an R.C.C. structure?**

- [A] Compression and tension
- [B] Tension
- [C] Shear
- [D] Compression

**Answer: A**

**2. Which cement is used in sewage and water treatment plants?**

- [A] Rapid Hardening Cement
- [B] Low Heat Cement
- [C] Sulphate Resisting Cement
- [D] Quick Setting Cement

**Answer: C**

**3. IS code for Specification for Rapid Hardening cement?**

- [A] IS 269
- [B] IS 1489
- [C] IS 8041
- [D] IS 456

**Answer: C**

**4. What is the permissible limits for construction of inorganic matter in water?**

- [A] 200mg/l
- [B] 2000mg/l
- [C] 3000mg/l
- [D] 500mg/l

**Answer: C**

**5. What is the permissible limits for construction of suspended matter in water?**

- [A] 200mg/l
- [B] 2000mg/l
- [C] 3000mg/l
- [D] 500mg/l

**Answer: B**

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**6. IS code for Specification for Portland Pozzolana cement?**

- [A] IS 269:1989
- [B] IS 1489: 1991
- [C] IS 8112-1976
- [D] IS 456:2000

**Answer: B**

**7. As per I.S. 456 - 2000 the pH value of water shall be**

- [A] Less than 6
- [B] Equal to 6
- [C] Not less than 6
- [D] Equal to 7

**Answer: C**

**8. 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**

9. The unit weight of concrete is \_\_\_\_\_ kg/m<sup>3</sup>

- [A] 1000
- [B] 2400
- [C] 2000
- [D] 1400

**Answer: B**

10. Hydration of cement is chemical reaction of cement with \_\_\_\_\_

- [A] Base
- [B] Acid
- [C] Salt and Acid
- [D] Water

**Answer: D**

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