QUIZ NO: 600

TOPIC: CONCRETE TECHNOLOGY

DATE: 02/06/2022

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

   [A] Dry

   [B] Earth Moist

   [C] Semi Plastic

   [D] Plastic

   Answer: D

2. **Lap Splices shall not be used for bars larger than?**

   [A] 32 mm

   [B] 36 mm

   [C] 25 mm

   [D] 40mm

   Answer: B

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

   [A] Tensile strength

   [B] Compressive strength

   [C] External strength

   [D] Applied force

   Answer: B

4. **For the cold-pressed aggregate samples, porosity, bulk and grain densities were measured with?**

   [A] Hydrostatic pressure gauge

   [B] Cylindrical cavity

   [C] Pycnometer

   [D] Helium porosimeter

   Answer: D

5. **The light-weight concrete is prepared by?**

   [A] Mixing Portland cement with sawdust in specified proportion in the concrete

   [B] Using coke-breeze, slag as aggregate in the concrete

   [C] Mixing Al in the concrete

   [D] Mixing Fe in the concrete

   Answer: B

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6. **For compacting large sections of mass concrete in structures, the type of vibrator used is?**

   [A] Internal vibrator

   [B] External vibrator

   [C] Screed vibrator

   [D] Internal and Screed vibrator

   Answer: A

7. **The cement concrete, from which entrained air and excess water are removed after placing it in position, is called?**

   [A] Lightweight Concrete

   [B] Pre stressed concrete

   [C] Sawdust concrete

   [D] Vacuum concrete

   Answer: D

8. **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

9. Which Cement has enhanced work ability than OPC?

[A] Air Entrained Cement

[B] Rapid Hardening Cement

[C] Quick Setting Cement

[D] Expanding Cement

Answer: A

10. Which Cement is used for Filling Cracks?

[A] OPC

[B] Rapid Hardening cement

[C] High Alumina Cement

[D] Expanding Cement

Answer: D

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