

QUIZ NO: 812

TOPIC: CONCRETE TECHNOLOGY

DATE: 30/03/2024

1. Increase in fineness modulus of aggregate indicates

- [A] Finer grading
- [B] Coarser grading
- [C] Gap grading
- [D] None of the above

Answer: B

2. Adding a thin layer of cement mortar to the surface of concrete:

- [A] Laitance
- [B] Quartering
- [C] Retempering
- [D] Rendering

Answer: D

3. Bulking of sand caused due to

- [A] Surface moisture
- [B] Viscosity
- [C] Air in voids
- [D] Silt present

Answer: A

4. Instrument used for determining the soundness of cement is:

- [A] Le Chatelier apparatus
- [B] Wagner's turbidimeter
- [C] Vicat apparatus
- [D] None of the above

Answer: A

5. Low heat cement is preferred for:

- [A] Slabs
- [B] Columns
- [C] Dams
- [D] Foundation

Answer: C

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6. Slump test is performed in concrete mix to determine the:

- [A] Workability
- [B] Water content
- [C] Strength
- [D] Durability

Answer: A

7. The property of increase in volume of fine aggregate due to moisture is called:

- [A] Slacking
- [B] Bulking
- [C] Warping
- [D] Shrinking

Answer: B

8. For masonry work with solid bricks consistency of mortar should be:

- [A] 5 to 8 cm
- [B] 9 to 13 cm
- [C] 14 to 18 cm
- [D] 19 to 23 cm

Answer: B

9. A compound which is added to concrete to reduce the setting time of concrete:

- [A] Air entraining agent
- [B] Accelerators
- [C] Plasticizers
- [D] None of the above

Answer: B

10. To prevent segregation, the concrete should not be thrown from a height of more than:

- [A] 0.5 m
- [B] 1 m
- [C] 1.5 m
- [D] 2 m

Answer: C

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