

QUIZ NO: 579

TOPIC: IRRIGATION ENGINEERING

DATE: 12/04/2022

1. Maximum distance below the surface of the soil from which particular crop derives water for use and develops its root system is:

- [A] Rainfall
- [B] Run - off
- [C] Capillary water
- [D] Root zone depth

Answer: D

2. For the irrigation of crops the base period B, duty d and delta Δ are related to as;

- [A] $D = 0.8864 B/\Delta$
- [B] $\Delta = 8.64/DB$
- [C] $\Delta = 8.64/B$
- [D] $\Delta = 8.64B/D$

Answer: D

3. An example for Kharif crop is:

- [A] Wheat
- [B] Rice
- [C] Barley
- [D] Gram

Answer: B

4. The type of canal meant for diversion flood waters of river is:

- [A] Inundation canal
- [B] Ridge canal
- [C] Perennial canal
- [D] Permanent canal

Answer: A

5. When a small irrigation canal has to cross over a median drain we construct:

- [A] Pipe aqueduct
- [B] Box culvert
- [C] Irrigation culvert
- [D] Aqueduct

Answer: A

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6. The walls constructed on both sides of the abutments to retain the embankment of approaches and also to protect them from the wave action of water

- [A] Abutments
- [B] Waterway
- [C] Piers
- [D] Wingwalls

Answer: D

7. The bridge constructed such a way that, its centre line is not at right angle to the stream flow is:

- [A] Angle bridge
- [B] Square bridge
- [C] Skew bridge
- [D] Tilting bridge

Answer: C

8. The stability of a dam is checked for:

- [A] Tension at the base
- [B] Over turning of the dam
- [C] Sliding of the dam
- [D] All of these

Answer: D

9. A passage for the flow of surplus or waste water in a weir or conduit is known as:

- [A] Control point
- [B] Apron
- [C] Barrage
- [D] Spillway

Answer: D

10. The most common type of spillway used in gravity dam is:

- [A] Ogee spillway
- [B] Siphon spillway
- [C] Side channel spillway
- [D] None of these

Answer: A

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