

QUIZ NO: 508

TOPIC: TRANSPORTATION ENGINEERING

DATE: 21/10/2021

1. A road provided to divert traffic to avoid obstructions:

- [A] Bypass road
- [B] Urban road
- [C] Arterial road
- [D] Loop road

Answer: D

2. What is the recommended value of longitudinal co-efficient of friction?

- [A] 0.35 to 0.4
- [B] 0.4 to 0.45
- [C] 0.10 to 0.15
- [D] 0.05 to 0.10

Answer: A

3. The topmost point of a carriage way is called

- [A] Crown
- [B] Camber
- [C] Motorway
- [D] Kerb

Answer: A

4. Distance travelled by vehicle during total reaction time is known as

- [A] Lag distance
- [B] Braking distance
- [C] Overtaking distance
- [D] All of these

Answer: A

5. On sag curves, available sight distance is determined based on

- [A] Design speed
- [B] Height of obstacle
- [C] Height of driver eye
- [D] Night time driving condition

Answer: D

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6. Maximum value of super elevation under normal condition is

- [A] 0.07
- [B] 0.15
- [C] 0.09
- [D] 0.10

Answer: A

7. The extra width required on two lane pavement for a radius of curve 100m as recommended by IRC is:

- [A] 0.6 m
- [B] 0.7 m
- [C] 0.8 m
- [D] 0.9 m

Answer: D

8. At sharp horizontal curves, the percentage reduction in gradient provided to compensate the loss of traction force due to curvature is:

- [A] $50/R$
- [B] $75/R$
- [C] $100/R$
- [D] $125/R$

Answer: B

9. Rapid curing cutback bitumen bitumen is produced by blending bitumen with:

- [A] Kerosene
- [B] Benzene
- [C] Diesel
- [D] Petrol

Answer: D

10. For grouting purpose, the recommended grade of tar is:

- [A] RT-1
- [B] RT-2
- [C] RT-5
- [D] RT-4

Answer: C

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