

Highway Engineering Objective Questions and Answers Pdf

1. For finding stopping distance of a vehicle, the height of line of sight of driver and height of line of obstacle on road are taken as ____ respectively.
- 1.2 m and 0.15 m
 - 1.5 m and 0.5 m
 - 1.2 m and 0.5 m
 - 1.5 m and 0.15 m

Ans: A

2. If speed of vehicle is less than 30 kmph IRC recommended coefficient of friction is
- 0.40
 - 0.35
 - 0.30
 - 0.25

Ans: A

3. If speed of vehicle is about 100 kmph IRC recommend value of coefficient of friction is
- 0.40
 - 0.35
 - 0.30
 - 0.25

Ans: B

4. To overtake a vehicle going at 40 kmph on two lane highway OSD is
- 150 m
 - 165 m
 - 200 m
 - 250 m

Ans: B

5. To overtake a vehicle going at 80 kmph on a two lane highway overtaking sight distance is
- 300 m
 - 400 m
 - 470 m
 - 520 m

Ans: C

6. Sight distance at intersection should be equal to
- Enabling the approaching vehicle to change speed
 - Enabling approaching vehicle to stop
 - Enabling the stopped vehicle to cross a main road
 - Highest the value of a, b and c

Ans: D

7. Sight distance at intersection should be at least ____ along the minor road.
- 15 m
 - 30 m
 - 40 m
 - 50 m

Ans: A

8. If design speed of a main road is 100 kmph, the sight distance at intersection should be at least
- 150 m

- b. 200 m
- c. 180 m
- d. 220 m

Ans: D

9. The length of vehicle controls the design of

- a. Gradient
- b. Camber
- c. Overtaking distance
- d. All the above

Ans: C

10. When a vehicle traces a horizontal curve, it is subjected to centrifugal force in ____ direction.

- a. Inward
- b. Outward
- c. Forward
- d. Backward

Ans: B

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