

Highway Engineering MCQ Questions and Answers Pdf

1. Camber is provided in the road for
 - a. Counteracting the centrifugal force
 - b. Effective drainage
 - c. Getting better sighting distance
 - d. Getting least stopping distanceAns:B
2. The factor influencing camber is
 - a. Topography of the area
 - b. Type of wearing coat provided
 - c. Amount of rainfall
 - d. Nature of subsoilAns:C
3. Maximum camber recommended by IRC is
 - a. 1.7%
 - b. 2%
 - c. 3%
 - d. 4%Ans:D
4. For concrete road the camber recommended by IRC in heavy rainfall area is
 - a. 1.7%
 - b. 2%
 - c. 3%
 - d. 4%Ans:B
5. For earthen roads in heavy rainfall area common camber is
 - a. 1 in 25
 - b. 1 in 33
 - c. 1 in 50
 - d. 1 in 60Ans: A
6. For highways width of formation in plan area is
 - a. 18 m
 - b. 15 m
 - c. 12 m
 - d. 9 mAns: D
7. Width of formation for village roads in mountainous areas is
 - a. 3.0 m
 - b. 4.0 m
 - c. 4.75 m
 - d. 5.0 mAns: B
8. Minimum right of way required for a village road in open area is
 - a. 9 m
 - b. 10 m

- c. 12 m
- d. 15 m

Ans: C

9. Recommended right of way for highways in open areas is

- a. 50 m
- b. 45 m
- c. 40 m
- d. 30 m

Ans: B

10. In plains, exceptional gradient is limited to

- a. 1 in 25
- b. 1 in 20
- c. 1 in 15
- d. 1 in 12

Ans: C

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