

## Highway Engineering Inetrview Questions and Answers Pdf

1. Flexible pavement distributes the wheel load
  - a. Through structural action
  - b. Through a set of layers grain by grain
  - c. Directly to sub-grade
  - d. None of the aboveAns:B
2. For the design of flexible pavement Indian Road Congress recommends?
  - a. Trained test method
  - b. Group Index method
  - c. CBR method
  - d. Burmister methodAns:C
3. For an excellent base material CBR value is
  - a. 50%
  - b. 65%
  - c. 80%
  - d. 100%Ans: D
4. For the purpose of designing flexible pavement IRC traffic is divided into \_\_\_\_ categories.
  - a. 3
  - b. 5
  - c. 7
  - d. 9Ans: C
5. From CBR chart recommended by IRC thickness obtained is
  - a. Including wearing coat and 20 mm aggregates courses
  - b. Excluding wearing coat and 20 mm aggregate courses
  - c. Excluding wearing coat but including 20 mm aggregate course
  - d. Including wearing coat but excluding 20 mm aggregate coatAns: B
6. Expansion joints in rigid pavements should not be more than
  - a. 10 mm
  - b. 15 mm
  - c. 20 mm
  - d. 25 mmAns:D
7. IRC recommends spacing between two consecutive expansion joints should not be more than
  - a. 90 m
  - b. 120 m
  - c. 140 m
  - d. 160 mAns:C
8. Dowel bars are used in rigid pavements
  - a. To distribute pressure on base
  - b. To take care of temperature stresses

- c. To prevent warping
- d. All the above

Ans: C

9. IRC recommends use of dowel bars of diameter \_\_\_\_ of length \_\_\_\_ in case of 150 mm thick slabs.
- a. 25 mm, 50 mm
  - b. 20 mm, 400 mm
  - c. 18 mm, 350 mm
  - d. 16 mm, 300 mm

Ans:A

10. Longitudinal joints in rigid pavements should be of
- a. Tongue and groove type
  - b. Butt type
  - c. Weakened plate type
  - d. All of the above

Ans:D

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