

Highway Engineering Objective Questions and Answers Pdf

1. In earthen roads, base material should not contain clay more than
- 5%
 - 10%
 - 15%
 - 30%

Ans:A

2. In earthen road wearing coat should contain clay upto
- 5 to 10%
 - 10 to 18%
 - 20 to 30%
 - 30 to 40%

Ans:B

3. Soil to be used for earth road should have liquid limit less than
- 5%
 - 15%
 - 25%
 - 35%

Ans:D

4. The base course made of broken aggregates mechanically interlocked by rolling and voids filled with screening and binding materials with the assistance of water is for
- Earthen road
 - Gravel road
 - WBM road
 - None of these

Ans: C

5. In WBM road construction ____ tone rollers are used.
- 4 – 5
 - 6 – 10
 - 10 – 15
 - 20 – 24

Ans; B

6. The type of bituminous road construction includes
- Surface dressing
 - Grouted or penetrations macadam
 - Built up spray grout
 - All the above

Ans: D

7. When bituminous surfacing is done on already existing black road the type of treatment to be given is
- Tack coat
 - Prime coat
 - Spraying emulsion
 - Apply seal coat

Ans: A

8. In bituminous bound macadam roads a bituminous premix is prepared at

- a. 27°C
- b. 60°C
- c. 100°C
- d. 150°C

Ans: D

9. In the premix method of bitumen road construction, the aggregate is also heated

- a. For easy spreading
- b. For easy handling
- c. To get a homogenous mix
- d. To reduce bitumen requirement

Ans: C

10. Joints in concrete roads are filled with

- a. Impervious elastic materials
- b. Impregnated fibre boards
- c. Cork bound with bitumen
- d. Any of the above

Ans: D

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