

QUIZ NO: 403

TOPIC: RAILWAY ENGG

DATE: 13/02/2021

1. Track modulus is defined as?

- [1] Load/unit length of sleeper
- [2] Load/unit length of sleeper to produce depression in rail
- [3] Load/unit length of rail to produce depression in sleeper
- [4] Load/unit length of rail to produce unit depression/deflection in track

Answer : D

2. Which of the following causes stresses in Sleepers?

- [1] Eccentric vertical loads
- [2] Contact shear stress of wheel and rail
- [3] Lateral deflection of sleepers
- [4] Track components

Answer : D

3. Broad gauge is?

[1] 1.676m

[2] 1m

[3] 0.762m

[4] 0.610m

Answer : A

4. Grade compensation for MG is % per degree of curve?

[1] 0.04

[2] 0.03

[3] 0.02

[4] 0.01

Answer : B

5. Coning of wheels is done at a slope of?

[1] 1 in 10

[2] 1 in 20

[3] 1 in 30

[4] 1 in 15

Answer : B

6. For preventing lateral slip _____ is provided?

[1] Flattening of rail

[2] Flattening of wheel

[3] Coning of wheel

[4] Footing

Answer : C

7. Rail failure in which the rail may be completely broken either in a vertical plane or in an inclined plane?

- [1] Crushed head
- [2] Square or angular break
- [3] Split head
- [4] Split web

Answer : B

8. Composite sleeper index is the index of?

- [1] Hardness and Strength
- [2] Toughness and Strength
- [3] Wear resistance and Toughness
- [4] Wear resistance and Strength

Answer : A

9. Creep is the?

- [1] Longitudinal movement of rails
- [2] Lateral movement of rails
- [3] Vertical movement of rail
- [4] Difference in level of two rails

Answer : A

10. Curve of parabolic nature which is introduced between a straight and circular curve is?

- [1] Vertical curve
- [2] Parabolic curve
- [3] Transition curve
- [4] Horizontal curve

Answer : C

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