

QUIZ NO: 376

TOPIC: HIGHWAY ENGINEERING

DATE: 12/12/2020

1. The process of marking centre line of highway on the road is known as _____?

- [1] Alignment
- [2] Camber
- [3] Gradient
- [4] sight distance

Answer : A

2. As per IRC the minimum value of length of transition curve for plain or rolling terrain is _____?

- [1] $2.7V^2/R$
- [2] V^2/R
- [3] V/R
- [4] $2.7R/V^2$

Answer : A

3. The sum of width of pavement and the shoulders is

[1] Formation width

[2] Right of way

[3] Carriage way

[4] None of these

Answer : A

4. Application of bituminous material over an existing pavement surface which is relatively impervious is.....?

[1] Prime coat

[2] Tack coat

[3] Seal coat

[4] Surface dressing

Answer : B

5. As per IRC the maximum value of super elevation on hilly areas is

- [1] 7%
- [2] 4%
- [3] 10%
- [4] 15%

Answer : B

6. Head light sight distance is considered in the design of?

- [1] summit curve
- [2] valley curve
- [3] transition curve
- [4] horizontal curve

Answer : B

7. Head light sight distance is considered in the design of?

- [1] summit curve
- [2] valley curve
- [3] transition curve
- [4] horizontal curve

Answer : B

8. The maximum width of vehicle as per IRC?

- [1] 2.44m
- [2] 3m
- [3] 3.75m
- [4] 5m

Answer : A

9. Los Angeles abrasion test is used to determine _____?

- [1] hardness
- [2] toughness
- [3] durability
- [4] shape

Answer : A

10. Which test is used to determine the quality of aggregates?

- [1] Specific gravity
- [2] water absorption
- [3] soundness
- [4] Abrasion

Answer : A

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