



ANSWER KEY

**QUIZ NO: 750** 

**TOPIC: HIGHWAY ENGINEERING** 

**DATE: 19/08/2023** 

### 1. Suitable shape for vertical curve is

- [A] Spiral
- [B] Lemniscate
- [C] Parabola
- [D] All of these

**Answer: C** 

#### 2. Consistency of bitumen is found out from

- [A] Penetration test
- [B] Viscosity test
- [C] Float test
- [D] All of the above

Answer: D





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3.	Type of curve present in hill Road which has convexity towards valley side:
	[A] Salient curve
	[B] Reentrant curve
	[C] Hair pin bend
	[D] Valley curve
	Answer: A
4.	The Indian Road Congress was set up in:
	[A] 1934
	[B] 1930
	[C] 1948
	[D] 1956
	Answer: A
5.	Which of the following instrument is used in engineering survey for highway alignment
	[A] Theodolite
	[B] Tangent clinometer
	[C] Abney level
	[D] All of these
	Answer: D

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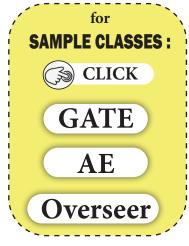


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ANSWER KEY

6.	Hill roads are tl	ne roads	constructed	on a	terrain o	of cross	slope
v.	Tilli I Daas al C ti	ic i oaas	constitucted	OII G	tti ani t	,, 6, 633	3100

- [A] Greater than 60%
- [B] Greater than 25%
- [C] Greater than 10%
- [D] Both A & B

**Answer: D** 

- 7. SSD For a velocity of 100kmph
  - [A] 120 m
  - [B] 100 m
  - [C] 180 m
  - [D] None of these

**Answer: C** 

- 8. If V is the design speed in kmph, R is the radius of the curve in metre the super elevation is given by
  - [A] V/127R
  - [B]  $V^2/127R$
  - $[C] V^2 / 225R$
  - [D] V/225R

**Answer: C** 





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### 9. Sign board showing parking places is a

- [A] Mandatory sign
- [B] Warning sign
- [C] Informatory sign
- [D] Both A and B

**Answer: C** 

#### 10. Emergency lane for a road is

- [A] Camber
- [B] Carriage way
- [C] Shoulder
- [D] Kerb

**Answer: C** 

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