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Highway Engineering MCQ Test

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Q1. What does the primary system of roads consist of?

- A. State highway
- B. Expressway
- C. National highway
- **D. National highway & Expressway**

Q2. The current highway development works in India are undertaken by?

- **A. NHAI**
- B. NHDP
- C. Govt. of India
- D. State governments

Q3. What are the factors influencing the cost of transportation?

- A. Supply
- B. Demand
- **C. Both supply and demand**
- D. None of the above

Q4. Which of the following transportation system has required a low initial investment?

- A. Airport
- B. Harbour
- C. Railway

- **D. Roadway**

Q5. The scope of highway engineering is divided into how many parts?

- **A. 2**
- B. 4
- C. 3
- D. 6

Q6. The Indian Roads Congress was formed in?

- A. 1928
- B. 1929
- **C. 1934**
- D. 1932

Q7. What was the development allowance assumed in the Nagpur plan?

- A. 10%
- **B. 15%**
- C. 20%
- D. 25%

Q8. The arterial roads are a classification of which type of roads?

- A. Rural roads
- **B. Urban Roads**
- C. State highway
- D. National highway

Q9. The highway research Board was set up in

- A. 1963
- B. 1953
- C. 1947
- **D. 1973**

Q10. The final step after fixing the optimum length of the road is?

- **A. Phasing**
- B. Financing
- C. Construction
- D. Preparation of master plan

Q11. The maximum number of cities and towns are connected by

- A. Village road
- B. State highway
- **C. National highway**
- D. Major district road

Q12. The surveys of highway alignment are completed in

- A. 2 Stages
- B. 3 Stages
- **C. 4 Stages**
- D. 5 Stages

Q13. Border Roads Organization for hilly regions, was formed in

- A. 1958
- B. 1960
- **C. 1962**
- D. 1964

Q14. The weaving length of a roadway is the distance

- A. equal to half circumference
- B. equal to diameter of rotary
- **C. between the channelising islands**
- D. equal to total width of adjoining radial roads

Q15. The usual width of side drains along highways in hilly region, is

- A. 70 cm
- **B. 60 cm**
- C. 80 cm
- D. 50 cm

Q16. The pavement width of a road depends upon

- A. Terrain
- B. Type of traffic
- **C. Number of lanes**
- D. All of the above

Q17. The efficiency of the brakes of a vehicle depends upon

- A. Condition of the tyres
- B. Condition of road surface
- C. Presence of the show moisture
- **D. All of the above**

Q18. The highest point on road surface is called

- A. Berm
- **B. Crown**
- C. Camber
- D. Gradient

Q19. What is the ideal shape of a transition curve?

- **A. Clothoid**
- B. Lamniscate
- C. Cubic spiral
- D. Cubic parabola

Q20. Along high ways confirmatory route markers are generally fixed

- **A. after the crossing on the left side**
- B. after the crossing on the right side
- C. before the crossing on the left side

- **D.** before the crossing on the right side

Q21. The test which is performed on circuit breakers:

- **A.** Short time current test
- **B.** Making capacity test
- **C.** Breaking capacity test
- **D. All of the above**

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