

ITI Quiz - 12-Feb-2026

11:42 AM

Q. ID: ITISKILL4998VW

February 2026

Question Paper

Duration: 30 Mins

Total Marks: 10

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Student Name: _____ Roll No: _____

1. What is the role of recirculating balls in the integral power steering?

- A) Affect steering stability
- B) Combine high mechanical efficiency with smooth operation
- C) Prevent control in event of hydraulic failure
- D) Provide hard steering

2. Why tyre wear found abnormal in the vehicle?

- A) Improper tol-in and tol-out
- B) Improper tyre pressure
- C) Improper linkage adjustment
- D) Loose wheel nut

3. What is the cause of 'Wheel wobbling'?

- A) Wrong hose size
- B) King pin wornout
- C) Drop in pressure
- D) Improper tyre pressure

4. What is the recommended valve of combined angle in the steering system?

- A) 15 - 18 Degree
- B) 5 - 8 Degree
- C) 12 - 15 Degree
- D) 9 - 10 Degree

5. What is the name of distance between most protruding portions on both sides of tyre?

- A) Tyre outer diameter
- B) Thread radius
- C) Tyre height
- D) Tyre width

6. What causes the defect of 'Hard steering' in the hydraulic power steering system?

- A) Improper size of tyre
- B) Improper position of drop arm
- C) Tie rod loose fitting
- D) Band axle beam

7. What is the advantage of using non reactive suspension arrangement on multi-axle vehicles?

- A) Increased spring life
- B) Prevention of ratting
- C) Better riding comfort
- D) Good braking efficiency in both rear wheels

8. What does the no: 14PR denotes in the tyre specification 9? x 14 - 14PR?

- A) Tyre thickness
- B) Bead circle dia
- C) Shoulder width
- D) Ply rating

9. What is the reason of steering wheel play excess?

- A) Wornout sealing rings
- B) Low oil level
- C) Improper pre load defective steering
- D) Drop in pressure

10. Which material is used for brake rotors and brake pads for aircraft and racing cars?

- A) Carbon fiber reinforced carbon composite
- B) Asbestos
- C) Sintered alloy
- D) Copper, brass, steel