

ITI Quiz - 12-Feb-2026

11:42 AM

Q. ID: ITISKILL1976QK

February 2026

Answer Key

Duration: 30 Mins

Total Marks: 10

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

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

Answer: B) Band axle beam

2. 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

Answer: D) Good braking efficiency in both rear wheels

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

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

Answer: A) Ply rating

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

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

Answer: A) 9 - 10 Degree

5. 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) Provide hard steering
- D) Prevent control in event of hydraulic failure

Answer: B) Combine high mechanical efficiency with smooth operation

6. Why tyre wear found abnormal in the vehicle?

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

Answer: D) Improper tol-in and tol - out

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

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

Answer: B) Tyre width

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

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

Answer: D) Carbon fiber reinforced carbon composite

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

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

Answer: C) King pin wornout

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

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

Answer: D) Improper pre load defective steering