

ITI Quiz - 12-Feb-2026

11:42 AM

Q. ID: ITISKILL4998VW

February 2026

Answer Key

Duration: 30 Mins

Total Marks: 10

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1. Why tyre wear found abnormal in the vehicle?

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

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

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

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

Answer: D) Carbon fiber reinforced carbon composite

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

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

Answer: C) Tyre width

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

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

Answer: A) Good braking efficiency in both rear wheels

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

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

Answer: D) 9 - 10 Degree

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

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

Answer: B) Ply rating

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

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

Answer: D) King pin wornout

8. 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

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

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

Answer: C) Improper pre load defective steering

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

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

Answer: C) Combine high mechanical efficiency with smooth operation