

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

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

**Answer: D) 9 - 10 Degree**

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

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

**Answer: A) Good braking efficiency in both rear wheels**

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

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

**Answer: C) Carbon fiber reinforced carbon composite**

4. 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

**Answer: C) Improper pre load defective steering**

5. What causes the deffect of ?Hard steering? in the hydraulic power steering system?

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

**Answer: B) Band axle beam**

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

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

**Answer: A) Combine high mechanical efficiency with smooth operation**

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

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

**Answer: D) Tyre width**

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

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

**Answer: A) King pin wornout**

9. Why tyre wear found abnormal in the vehicle?

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

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

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

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

**Answer: C) Ply rating**