

# ITI Quiz - 18-Feb-2026

## 10:29 AM

Q. ID: ITISKILL5266L1

February 2026

Question Paper

Duration: 30 Mins

Total Marks: 10

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Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

1. 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

2. Which part of coil spring allows angular movement of linkages?

- A) Lower control arm
- B) Ball joint
- C) Torsion bar
- D) Stabiliser bar

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

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

4. What causes abnormal tyre wear, tyre slip and poor steering stability?

- A) Malfunctioning of torsion bar
- B) Front axle bend/twist
- C) Presence of air in the break fluid
- D) Incorrect toe - in and toe - out

5. Where the airbags are located in the air suspension system?

- A) Between high control valve and frame
- B) Between air pressure regulator and front axle
- C) Between frame and vehicle axle
- D) Between brake tank and vehicle axle

6. How the tyre height is calculated?

- A) Rim dia - tyre outer dia
- B) Thread width + Tyre width
- C) Tyre outer dia - Rim dia
- D) Tyre width + Bead circle dia

7. What is the function of Rim in the wheel construction?

- A) Distribute the load equally
- B) Provides balancing of vehicle
- C) Support the axle
- D) Holds the tyre in correct position

8. What is the cause of noise in steering?

- A) Defective torsion bar
- B) Presence of air in the fluid
- C) High fluid level
- D) Defective flow control valve

9. What is the disadvantage of independent suspension system?

- A) Shocks transmitted from one wheel to other
- B) Vibration damping is less effective
- C) More maintenance cost
- D) Spring weight is more

10. Why the alternate spokes are screwed to slope forward and backward towards the rim in the wire wheel?

- A) To observe braking and driving torque
- B) To distribute the load evenly
- C) To take the uneven load
- D) To provide cushioning effect