

ITI Quiz - 18-Feb-2026 10:29 AM

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Attempt No.	#1	Completion Time	11:06 AM
Rank	#1	Total Questions	10

8 SCORE

10 MAX MARKS

8 CORRECT

2 INCORRECT

Answer Review

Q1 **CORRECT** How the tyre height is calculated?

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

Q2 **CORRECT** What is the role of recirculating balls in the integral power steering?

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

Q3 **CORRECT** Which part of coil spring allows angular movement of linkages?

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

Q4 **CORRECT** Where the airbags are located in the air suspension system?

A. Between frame and vehicle axle

B. Between high control valve and frame

C. Between air pressure regulator and front axle

D. Between brake tank and vehicle axle

Q5 **INCORRECT** What is the disadvantage of independent suspension system?

A. More maintainance cost

B. Vibration damping is less effective

C. Shocks transmitted from one wheel to other

D. Spring weight is more

Q6 **CORRECT** What is the function of Rim in the wheel construction?

A. Support the axle

B. Provides balancing of vehicle

C. Holds the tyre in correct position

D. Distribute the load equally

Q7 **CORRECT** What is the cause of noise in steering?

A. High fluid level

B. Presence of air in the fluid

C. Defective flow control valve

D. Defective torsion bar

Q8 **CORRECT** What causes abnormal tyre wear, tyre slip and poor steering stability?

A. Incorrect toe - in and toe - out

B. Malfunctioning of torsion bar

C. Presence of air in the break fluid

D. Front axle bend/twist

Q9 **CORRECT** Why the alternate spokes are screwed to slope forward and backward towards the rim in the wire wheel?

A. To take the uneven load

B. To provide cushioning effect

C. To observe braking and driving torque

D. To distribute the load evenly

Q10 **INCORRECT** What causes the defect of 'Hard steering' in the hydraulic power steering system?

A. Improper position of drop arm

B. Tie rod loose fitting

C. Band axle beam

D. Improper size of tyre