

ITI Quiz - 13-Feb-2026

11:42 AM

Q. ID: ITISKILL9163XI

February 2026

Question Paper

Duration: 30 Mins

Total Marks: 10

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Student Name: _____ Roll No: _____

1. When the driver is warned of difference in tyre pressure?

- A) Difference in pressure more than 10%
- B) Difference in pressure exceeds 30%
- C) Difference in pressure more than 20%
- D) Difference in pressure exceeds 40%

2. Which device in electronic power steering converts the steering torque input and its direction in to voltage signals?

- A) Torque sensor
- B) Rotation sensor
- C) Temperature sensor
- D) Hall effect sensor

3. What is the permitted brake pedal travel in the hydraulic brake system?

- A) 6 to 12 mm
- B) 7 to 12 mm
- C) 2 to 12 mm
- D) 9 to 12 mm

4. 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

5. What will be the effect of negative camber excessive in the wheel alignment?

- A) Inner edge of tyre wear out faster
- B) Outer edge of tyre wearout faster
- C) Centreof tyre wearout faster
- D) Cracks developed in the tyre tread

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

7. What is the purpose of castor in wheel alignment?

- A) Convert steering torque input into voltage signal
- B) Reduce abnormal vibration
- C) Reduce tyre wear
- D) Maintain directional stability and control

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

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

9. What is the cause of noise in steering?

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

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

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