

ITI Quiz - 12-Feb-2026

11:46 AM

Q. ID: ITISKILL9247ZF

February 2026

Answer Key

Duration: 30 Mins

Total Marks: 10

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

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

Answer: D) Ball joint

2. What is the advantage of electronic power steering?

- A) Energy being consumed only while steering
- B) Number of components are less
- C) Less occupation of space
- D) Compact in size

Answer: A) Energy being consumed only while steering

3. How the tyre is specified?

- A) Shoulder dia, Bead circle dia, Ply rating
- B) Ply rating, tyre inner circle dia, shoulder width
- C) Shoulder width, Tyre thickness
- D) Shoulder width, Boad circle dia. Ply rating

Answer: D) Shoulder width, Boad circle dia. Ply rating

4. What is the purpose of brake proportioning valves in the braking system?

- A) Increase braking efficiency
- B) Provide balanced braking
- C) Prevent front wheel lockup
- D) Reduces brake pedal effort

Answer: B) Provide balanced braking

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

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

Answer: B) Ply rating

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

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

Answer: A) Carbon fiber reinforced carbon composite

7. Where the tyre pressure sensor secured in the wheel assembly?

- A) Secured in the tyre outer edges
- B) Bolted to the rim centre
- C) Secured in the wheel hub
- D) Bolted to metal valve

Answer: D) Bolted to metal valve

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

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

Answer: B) King pin wornout

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

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

Answer: D) Inner edge of tyre wear out faster

10. What is the purpose of 'G' sensor

- A) Reduce pressure at wheel cylinder
- B) Measuring deceleration rate of vehicle
- C) Detect wheel lock up condition
- D) Locking pressure inside wheel cylinder

Answer: B) Measuring deceleration rate of vehicle