

Student: Amogi Biradar

Score: 8/10 (80.00%)

Code: 0639

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

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

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

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

3. 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 (Correct) D) Provide hard steering

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

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

5. 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 (Correct) D) Distribute the load equally

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

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

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

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

8. What is the cause of noise in steering?

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

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

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

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

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