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Score: 8/10 (80.00%)

Code: 1553

1. How the tyre height is calculated?

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

2. 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

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

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

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

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

5. What is the disadvantage of independent suspension system?

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

6. 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

7. 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

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

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

9. 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 (Correct)**
- D) To distribute the load evenly

10. What causes the defect 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