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Score: 11/20 (55.00%) **Code: 5529**

1. How the tyre height is calculated?

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

2. Which part of tyre referred as 'Crown'?

A) Thread width | B) Rim width
C) Tyre width (Incorrect) | **D) Thread radious**

3. What is the advantage of coil spring?

A) Good load carrying capacity | B) High steering and stability (Incorrect)
C) Low space requirement | D) Provide greater pay load

4. Which type of spring will have good load carrying capacity and do not have noise in the suspension system?

A) Monoleaf springs | B) Coil spring
C) Multiple - leaf spring (Correct) | D) Fibre composite springs

5. Which system provided between axles and chassis frame?

A) Braking system | **B) Suspension system (Correct)**
C) Steering system | D) Cooling system

6. Which is not the function of suspension system?

A) It maintains body level | B) It gives cushioning effects
C) It transfer braking torque to the chassis (Incorrect) | **D) It increase steering stability**

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

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

8. Which type of spring suspension responds quickly to road shocks? |

A) Compression spring | **B) Coil spring (Correct)**
C) Helical spring | D) Transverse spring

9. Which type of shock absorber is easy for replacement and handling?

A) Vane type | B) Piston type
C) Mechanical type (Incorrect) | **D) Telescopic type**

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

A) Betweeen 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

11. What is the purpose of air suspension?

A) Used for leveling purpose | B) Reduce the suspension weight
C) Increase the directional stability (Incorrect) | D) Reduce the space ocupation

12. What is the advantage of using nitrogen in the tyres?

A) Provide positive road grip | **B) Increase the tyre life (Correct)**
C) Provide cusioning effect on the vehicle | D) Oberve shocks and vibration

13. What is the use of compact spare tyres?

A) Used for breakdown (Correct) | B) Used for high altitude
C) Withstand heavy load | D) Withstand high temperature

14. What is the purpose of beads and plys provided in the tyre?

A) Provide strength to tyre | B) Provide grippness on the surface
C) Prevent tyre slip | D) Resist vibration (Incorrect)

15. What is the purpose of spokes provided in the wheel?

A) Provide accurate rounds of rim | B) Distribute pre load evenly (Incorrect)
C) Provide directional stability of vehicle | D) Suport the chassis frame of vehicle

16. 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

17. What is the main cause for wear on one side of tyre?

A) Improper camber | B) Improper caster
C) Over inflation | D) Under inflation (Incorrect)

18. What is the reason of faster wear out of tyre edges?

A) Under inflated tyre (Correct) | B) Over inflated tyre
C) Un equal load distribution | D) Defective suspension system

19. What will be the result of improper brake adjustment?

A) Hard steering | B) Wheel wobbling
C) Steering wheel play | **D) Vehicle pulling to one side (Correct)**

20. Why tyre wear found abnormal in the vehicle?

A) Loose wheel nut | B) Improper linkage adjustment
C) Improper tol-in and tol - out (Correct) | D) Improper tyre pressure