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Score: 16/20 (80.00%)

Code: 3468

1. How the tyre height is calculated?

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

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

- A) Thread width
C) Tyre width
- B) Rim width
D) Thread radius (Correct)

3. What is the advantage of coil spring?

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

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

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

5. Which system provided between axles and chassis frame?

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

6. Which is not the function of suspension system?

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

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

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

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

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

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

- A) Vane type
C) Mechanical type
- B) Piston type
D) Telescopic type (Correct)

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

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

11. What is the purpose of air suspension?

- A) Used for leveling purpose**
C) Increase the directional stability (Incorrect)
- B) Reduce the suspension weight
D) Reduce the space occupation

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

- A) Provide positive road grip
C) Provide cushioning effect on the vehicle
- B) Increase the tyre life (Correct)**
D) Observe shocks and vibration

13. What is the use of compact spare tyres?

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

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

- A) Provide strength to tyre (Correct)**
C) Prevent tyre slip
- B) Provide grippness on the surface
D) Resist vibration

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

- A) Provide accurate rounds of rim**
C) Provide directional stability of vehicle (Incorrect)
- B) Distribute pre load evenly
D) Support 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 (Correct)

B) Improper caster

C) Over inflation

D) Under inflation

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

A) Under inflated tyre

B) Over inflated tyre

C) Un equal load distribution
(Incorrect)

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