

17. Which is not the benefit of power steering?

- A) Effort less steering
- B) Quick response
- C) Absolute control during driving
- D) Positive breaking system (Correct)**

18. Which type of suspension spring can not transfer wheel guidance forces?

- A) Helical springs (Correct)**
- B) Coil springs
- C) Leaf springs
- D) Compression springs

19. What is the advantage of coil spring?

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

20. Which type of suspension spring made of fibre glass, laminated and bonded together by tough polyster resins?

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

21. 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

22. Which system provided between axles and chassis frame?

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

23. 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
- D) It increase steering stability (Correct)**

24. Why light weight cars use low steering ratio?

- A) To obtain low steering effect
- B) To obtain large steering effect (Correct)**

C) To obtain constant steering effect

D) To obtain no steering effect

25. Which angle helps in self centering of wheels after negotiating a turn?

- A) Castor angle
- B) King pin inclination (Correct)**
- C) Camber angle
- D) Included angle

26. 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

27. What is the advantage of using non reactive suspension arrangement on multi-axle vehicles?

- A) Good braking efficiency in both rear wheels (Correct)**
- B) Better riding comfort
- C) Increased spring life
- D) Prevention of ratting

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

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

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

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

30. Which type of shock absorber maintain vehicle ride at a pre - set level according to the load placed over the rear axle?

- A) Gas pressurised shock absorber
- B) Hydraulic shock absorber
- C) Automatic load adjustable shock absorber (Correct)**
- D) Mechanical shock absorber