Monthly test- December 2025

December 2025

Govt. ITI Bidkalkatte

Answer Key

Duration: 60 Mins **Total Marks: 20** **Q.ID: ITISKILL0165EO**

1. Which is not the function of suspension system?

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

Answer: C) It increase steering stability

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

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

Answer: B) Provide strength to tyre

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

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

Answer: B) Ball joint

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

A) Under inflation
B) Improper camber
C) Improper caster
D) Over inflation

Answer: B) Improper camber

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

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

Answer: A) Multiple - leaf spring

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

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

Answer: B) Provide accurate rounds of rim

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

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

Answer: A) Incorrect toe - in and toe - out

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

A) Rim width
B) Tyre width
C) Thread width
D) Thread radious

Answer: D) Thread radious

9. What is the advantage of coil spring?

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

Answer: D) Low space requirement

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

A) Betweeen frame and vehicle axle
B) Between brake tank and vehicle axle
C) Between high control valve and frame
D) Between air pressure regulator and front axle

Answer: A) Betweeen frame and vehicle axle

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

A) Piston type
B) Telescopic type
C) Mechanical type
D) Vane type

Answer: B) Telescopic type

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

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

Answer: B) Increase the tyre life

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

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

Answer: C) Under inflated tyre

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

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

Answer: D) Vehicle pulling to one side

15. What is the purpose of air suspension?

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

Answer: D) Used for leveling purpose

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

A) Helical spring
B) Transverse spring
C) Coil spring
D) Compression spring

Answer: C) Coil spring

17. Which system provided between axles and chassis frame?

A) Suspension system
B) Cooling system
C) Braking system
D) Steering system

Answer: A) Suspension system

18. How the tyre height is calculated?

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

Answer: A) Tyre outer dia - Rim dia

19. What is the use of compact spare tyres?

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

Answer: B) Used for breakdown

20. Why tyre wear found abnormal in the vehicle?

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

Answer: C) Improper tol-in and tol - out