

Govt. ITI Bidkalkatte

Monthly test- December 2025

Q. ID: ITISKILL0165EO | December 2025

40.00% 8 / 20

Student Name	Prajwal devadiga	Access Code	8496
Attempt No.	#2	Completion Time	02:43 PM
Rank	#18	Total Questions	20

8 SCORE

20 MAX MARKS

8 CORRECT

12 INCORRECT

Answer Review

Q1 **INCORRECT** How the tyre height is calculated?

A. Rim dia - tyre outer dia

B. Tyre outer dia - Rim dia ☐

C. Thread width + Tyre width ☐

D. Tyre width + Bead circle dia

Q2 **INCORRECT** Which part of tyre referred as 'Crown'?

A. Thread width ☐

B. Rim width

C. Tyre width

D. Thread radious ☐

Q3 **INCORRECT** What is the advantage of coil spring?

A. Good load carrying capacity

B. High steering and stability ☐

C. Low space requirement ☐

D. Provide greater pay load

Q4 **INCORRECT** 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 ☐

D. Fibre composite springs

Q5 **CORRECT** Which system provided between axles and chassis frame?

A. Braking system

B. Suspension system ☐

C. Steering system

D. Cooling system

Q6 **INCORRECT** 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 ☐

Q7 **CORRECT** Which part of coil spring allows angular movement of linkages?

- A.** Ball joint ☒
- B.** Stabiliser bar
- C.** Torsion bar
- D.** Lower control arm

Q8 **CORRECT** Which type of spring suspension responds quickly to road shocks? |

- A.** Compression spring
- B.** Coil spring ☒
- C.** Helical spring
- D.** Transverse spring

Q9 **CORRECT** Which type of shock absorber is easy for replacement and handling?

- A.** Vane type
- B.** Piston type
- C.** Mechanical type
- D.** Telescopic type ☒

Q10 **CORRECT** Where the airbags are located in the air suspension system?

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

Q11 **INCORRECT** What is the purpose of air suspension?

- A. Used for leveling purpose ☐
- B. Reduce the suspension weight
- C. Increase the directional stability ☐
- D. Reduce the space occupation

Q12 **CORRECT** What is the advantage of using nitrogen in the tyres?

- A. Provide positive road grip
- B. Increase the tyre life ☐
- C. Provide cushioning effect on the vehicle
- D. Observe shocks and vibration

Q13 **CORRECT** What is the use of compact spare tyres?

- A. Used for breakdown ☐
- B. Used for high altitude
- C. Withstand heavy load
- D. Withstand high temperature

Q14 **INCORRECT** What is the purpose of beads and plys provided in the tyre?

- A. Provide strength to tyre ☐
- B. Provide grippiness on the surface ☐
- C. Prevent tyre slip
- D. Resist vibration

Q15 **INCORRECT** What is the purpose of spokes provided in the wheel?

A. Provide accurate rounds of rim ☐

B. Distribute pre load evenly

C. Provide directional stability of vehicle ☐

D. Support the chassis frame of vehicle

Q16 **INCORRECT** What causes abnormal tyre wear, tyre slip and poor steering stability?

A. Incorrect toe - in and toe - out ☐

B. Malfunctioning of torsion bar

C. Presence of air in the brake fluid

D. Front axle bend/twist ☐

Q17 **INCORRECT** What is the main cause for wear on one side of tyre?

A. Improper camber ☐

B. Improper caster

C. Over inflation

D. Under inflation ☐

Q18 **INCORRECT** What is the reason of faster wear out of tyre edges?

A. Under inflated tyre ☐

B. Over inflated tyre ☐

C. Un equal load distribution

D. Defective suspension system

Q19 **CORRECT** 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 ☒

Q20 **INCORRECT** Why tyre wear found abnormal in the vehicle?

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