Govt. ITI Bidkalkatte

Monthly test Jan 26

Q. ID: ITISKILL3095LG | January 2026

85.00% 17 / 20

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Attempt No.	#1	Completion Time	02:22 PM
Rank	#1	Total Questions	20

17 SCORE	**20** MAX MARKS	**17** CORRECT	**3** INCORRECT

Answer Review

Q1 CORRECT Which steering system will provide assistance even when the engine is not running?

A. Integral power steering

B. Linkage power steering

C. Electronic power steering □

D. Manual steering

Q2 CORRECT What is the role of recirculating balls in the integral power steering?

A. Affect steering stability

B. Prevent control in event of hydraulic failure

C. Combine high mechanical efficiency with smooth operation □

D. Provide hard steering

Q3 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

Q4 CORRECT Which system provided between axles and chassis frame?

A. Braking system

B. Suspension system

C. Steering system

D. Cooling system

Q5 CORRECT What is the purpose of castor in wheel alignment?

A. Maintain directional stability and control

B. Reduce tyre wear

C. Reduce abnormal vibration

D. Convert steering torque input into voltage signal

Q6 CORRECT Which part of coil spring allows angular movement of linkages?

A. Ball joint

B. Stabiliser bar

C. Torsion bar

D. Lower control arm

Q7 CORRECT How to rectify the defect of noise in hydraulic steering?

A. Replace the with new fluid

B. Fill fluid to correct level and bleed the system □

C. Adjust the torsion bar linkage

D. Replace the flow control valve

Q8 CORRECT What is the cause of noise in steering?

A. High fluid level

B. Presence of air in the fluid □

C. Defective flow control valve

D. Defective torsion bar

Q9 CORRECT 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 break fluid

D. Front axle bend/twist

Q10 CORRECT Which principle is applicable for hydraulic brakes?

A. Pascal's law □

B. Boyle's law

C. Newton's law of motion

D. Hooke's law

Q11 CORRECT Which device permits air to the air brake system?

A. Hand control valve

B. Spring brake actuator

C. System protection valve

D. Brake valve □

Q12 CORRECT Which material is used for brake rotors and brake pads for aircraft and racing cars?

A. Sintered alloy

B. Carbon fiber reinforced carbon composite □

C. Asbestos

D. Copper, brass, steel

Q13 CORRECT What is the material constituent of semi metallic brake lining?

A. Carbon fiber

B. Aluminium oxide

C. Fine polished steel wool □

D. Carbon composite

Q14 CORRECT What is the binding material used in organic brake lining?

A. Resin □

B. Mica

C. Asbestos

D. Fibre glass

Q15 CORRECT What is the permitted brake pedal travel in the hydraulic brake system?

A. 2 to 12 mm

B. 6 to 12 mm

C. 7 to 12 mm

D. 9 to 12 mm

Q16 CORRECT What is the material used to make brake drum?

A. Stainless steel

B. High carbon steel

C. Special type castiron

D. High speed steel

Q17 CORRECT Where the non-return valve is located in the centre feed master cylinder?

A. On the reservoir

B. On the cylinder head

C. On the bypass port

D. On the pistons head

Q18 CORRECT What is the brake pedal free play range permitted while adjusting?

A. 4 mm to 8 mm

B. 8 mm to 10 mm

C. 6 mm to 12 mm

D. 13 mm to 18 mm

Q19 INCORRECT Which device detect the driven wheel spin through sensor?

A. EBD

B. ECU

C. TCS

D. ELSD

Q20 INCORRECT What is the function of EBD (Electronic Brake - Force Distribution) in anti lock brake system?

A. It control the slip of the front wheel

B. It controls the slip of the rear wheel

C. It increase brake pressure to the rear wheel

D. It improve directional stability of vehicle