

ITI Quiz - 04-Mar-2026

06:52 PM

Q. ID: ITISKILL4632ED

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 367

Q.ID: ITISKILL4632ED

1. What is the maximum air pressure supplied by the compressor in the air suspension system?

- A) 180 to 210 PSI
- B) 200 to 215 PSI
- C) 120 to 125 PSI
- D) 100 to 115 PSI

Answer: C) 120 to 125 PSI

2. What is the cause of low pressure in the hydraulic power steering system?

- A) Air in the system
- B) Wrong flow control valve setting
- C) Low oil level
- D) Wornout sealing ring

Answer: B) Wrong flow control valve setting

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

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

Answer: D) Provide accurate rounds of rim

4. Which type of wheel consist two separate discs are clamped together?

- A) Disc wheel
- B) Wire wheel
- C) Split wheel
- D) Heavy vehicle

Answer: C) Split wheel

5. What is the disadvantage of excessive positive camber in the wheel alignment?

- A) Tyre bleeding wire wear out
- B) Tyre centre will wearout
- C) Tyre thread wear out
- D) Tyre outer edge will wearout fast

Answer: D) Tyre outer edge will wearout fast

6. What is the purpose of tachometer?

- A) Indicate coolant temperature
- B) Indictae fuel level
- C) Indicate oil pressure
- D) Indicate engine RPM

Answer: D) Indicate engine RPM

7. Where the non-return valve is located in the centre feed master cylinder?

- A) On the reservoir
- B) On the pistons head
- C) On the bypass port
- D) On the cylinder head

Answer: B) On the pistons head

8. What will be the result of defective clutch?

- A) Gear clash during shifting
- B) Noise in gear shifting
- C) Gear locked in one gear
- D) Gear slip

Answer: B) Noise in gear shifting

9. What is the minimum RPM of crank shaft required to start the engine?

- A) 100 RPM
- B) 180 RPM
- C) 150 RPM
- D) 200 RPM

Answer: A) 100 RPM

10. Why anti drift spring is provided in the bendix drive starting system?

- A) Avoid the side way movement of armature shaft
- B) Resist wear on the fly wheel
- C) Prevent pinion striking fly wheel
- D) Provide grip over armature shaft

Answer: C) Prevent pinion striking fly wheel

11. Which part of electronic power steering revert back to manual steering in case of failure in power steering?

- A) Fail safe relay
- B) Phase compensator
- C) Solenoid valve
- D) Current controller

Answer: A) Fail safe relay

12. Which type of sensor located at the exhaust manifold?

- A) Mass air flow sensor
- B) Air vertex sensor
- C) Hall effect sensor
- D) Oxygen sensor

Answer: D) Oxygen sensor

13. What is the cause of horn does not produce any sound?

- A) Relay point stuck up
- B) Tone disc damaged
- C) Low voltage at horn terminal
- D) Fuse blown off

Answer: D) Fuse blown off

14. Which labour act provide information regarding accidents death, or disability?

- A) Minimum wages act 1948
- B) Employees statate insuracne act 1948
- C) Employees P.F act 1952
- D) Workers compensation act 1923

Answer: D) Workers compensation act 1923

15. Which circuit provide miniature bulbs to know the

working gauges?

- A) Panel light circuit
- B) Stop light circuit
- C) Parking light circuit
- D) Head light circuit

Answer: A) Panel light circuit

16. Which light provide effective illumination during snowfall?

- A) Fog light
- B) Stop light
- C) Parking light
- D) Head light

Answer: A) Fog light

17. What is the function of traction control system?

- A) Reduce the engine torque
- B) Release the pressure to expansion tank
- C) Reduce steering effort
- D) Prevent wheel spinning

Answer: D) Prevent wheel spinning

18. What is the effect of defective injector?

- A) High oil pressure
- B) High fuel pressure
- C) Engine over heated
- D) Engine does not start

Answer: D) Engine does not start

19. What is the purpose of engine immobilizer?

- A) Used to operate horn relay
- B) Electric opening and closing of door
- C) o compensate from sun light entering vehicle
- D) Prevent from starting the engine

Answer: D) Prevent from starting the engine

20. What is the recommended valve of combined angle in the steering system?

- A) 15 - 18 Degree
- B) 12 - 15 Degree
- C) 5 - 8 Degree
- D) 9 - 10 Degree

Answer: D) 9 - 10 Degree

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

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

Answer: A) King pin inclination

22. What is the reason of steering wheel play excess?

- A) Wornout sealing rings
- B) Improper pre load defective steering
- C) Drop in pressure
- D) Low oil level

Answer: B) Improper pre load defective steering

23. What is the advantage of using run flat tyres?

- A) Resist vibration
- B) Less cost and maintance
- C) Eliminate head for spare tyre and jack
- D) Provide equal distribution of load

Answer: C) Eliminate head for spare tyre and jack

24. What is the material used to make diodes?

- A) Silicon
- B) Alumina foil
- C) Mica
- D) Graphite

Answer: A) Silicon

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

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

Answer: B) King pin inclination

26. How the tyre height is calculated?

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

Answer: B) Tyre outer dia - Rim dia

27. What is the purpose of air suspension?

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

Answer: D) Used for leveling purpose

28. Which type of lights provide maximum brightness in a shorter time?

- A) Halogan light
- B) LCD light
- C) Neon light
- D) LED light

Answer: D) LED light

29. Where the tyre pressure sensor secured in the wheel assembly?

- A) Bolted to the rim centre
- B) Secured in the wheel hub
- C) Secured in the tyre outer edges
- D) Bolted to metal valve

Answer: D) Bolted to metal valve

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

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

Answer: B) Under inflated tyre

31. Which part of electronic power steering revert back to manual steering in case of failure in power steering?

- A) Fail safe relay
- B) Phase compensator
- C) Current controller
- D) Solenoid valve

Answer: A) Fail safe relay

32. Which part of heavy vehicle deals with static and dynamic loads without deflection or distortion?

- A) Chassis and frames
- B) Engine
- C) Power trains
- D) Control system

Answer: A) Chassis and frames

33. What is the binding material used in organic brake lining?

- A) Asbestos
- B) Resin
- C) Mica
- D) Fibre glass

Answer: B) Resin

34. Which light give indication to the traffic behind the vehicle for slowing down?

- A) Head light
- B) Dome light
- C) Stop light
- D) Fog light

Answer: C) Stop light

35. What is the function of solenoid switch?

- A) Shift the lever to engage the plunger
- B) Close the contact between battery and starting motor
- C) Open and close the circuit between primary and secondary
- D) Stepdown voltage from primary to secondary winding

Answer: B) Close the contact between battery and starting motor

36. What is the disadvantage of rigid axle suspension system?

- A) This is a complicated arrangement
- B) Vibration damping is less effective
- C) Spring weight is less
- D) Maintenance cost is more

Answer: B) Vibration damping is less effective

37. What will be effect of unequal castor in the vehicle?

- A) Increase steering stability
- B) Vehicle pull to one side wheel
- C) Driver have to use less effort on steering
- D) Vehicle will not move

Answer: B) Vehicle pull to one side wheel

38. What will be the effect of the long heat path travel in the spark plug?

- A) Life of spark plug increased
- B) Spark plug will run hot
- C) Spark plug will run cooler
- D) Improper atomisation

Answer: B) Spark plug will run hot

39. What is the advantage of coil spring?

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

Answer: C) Low space requirement

40. Why many engines use spark plugs with tapered seats?

- A) Provide clearance space
- B) Helps in easy fitting
- C) Produce good sealing
- D) Produce correct alignment

Answer: C) Produce good sealing

41. What is the possible cause of engine runs erratically?

- A) Air lock in fuel system
- B) High compression
- C) Poor oil circulation
- D) Weak compression

Answer: A) Air lock in fuel system

42. Which is not the part of servo motor assembly?

- A) Expansion valve
- B) Position sensor
- C) Gear reduction unit
- D) Normal DC motor

Answer: A) Expansion valve

43. What is the expansion of GPS in vehicle safety system?

- A) Global Preventing Systems
- B) Global Placing Satellites
- C) General Positioning Satellites
- D) Global Positioning Satellites

Answer: D) Global Positioning Satellites

44. When the driver is warned of difference in tyre pressure?

- A) Difference in pressure exceeds 40%
- B) Difference in pressure more than 10%
- C) Difference in pressure more than 20%
- D) Difference in pressure exceeds 30%

Answer: D) Difference in pressure exceeds 30%

45. What is the purpose of brake proportioning valves in the braking system?

- A) Prevent front wheel lockup
- B) Provide balanced braking
- C) Reduces brake pedal effort
- D) Increase braking efficiency

Answer: B) Provide balanced braking

46. Which advantage does not suit to wheel alignment?

- A) Reduce driver effort
- B) Achieve self centering after turning
- C) Achieve easy torque transmission
- D) Minimise tyre wear

Answer: C) Achieve easy torque transmission

47. What is the advantage of coil spring?

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

Answer: B) Low space requirement

48. What is the cause of electrodes burning in the spark plug?

- A) Incorrect fuel mixture B) Plug runs too hot
C) Incorrect tappet clearance D) Plug runs too cold

Answer: B) Plug runs too hot

49. What is the advantage of using single plate hydraulic clutch?

- A) Minimize the force to operate the clutch B) Effective frictional force obtained
C) Reduce the wear on the clutch plate D) Easy repair and maintenance

Answer: A) Minimize the force to operate the clutch

50. What is the material constituent of semi metallic brake lining?

- A) Aluminium oxide B) Carbon fiber
C) Fine polished steel wool D) Carbon composite

Answer: C) Fine polished steel wool

51. Why seat belt and air bag systems are necessary in the vehicle?

- A) To protect the driver and passenger B) Provide ventilation inside vehicle
C) Prevent the steering wheel from turning D) To track the stolen car

Answer: A) To protect the driver and passenger

52. What is the necessity of square cut seals?

- A) Prevent fluid leakage B) Prevent the seal rolling in groove
C) Provide cushioning effect D) Withstand radial movement

Answer: B) Prevent the seal rolling in groove

53. Why tyre wear found abnormal in the vehicle?

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

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

54. Why power windows are provided with lock out switch controlled by a driver?

- A) Improve easy handling B) Provide effective operation
C) Prevent damage to windows D) Prevent accident

Answer: D) Prevent accident

55. What will be the effect of negative scrub radius?

- A) The tyre centre portion wear out B) Wheel is kept in straight position
C) Wheel is caused to toe-in D) Wheel is caused to toe-out

Answer: C) Wheel is caused to toe-in

56. Which manual provide information regarding employment in india laws framed by state and central governments?

- A) Shop manual B) Repair manual
C) Owners manual D) Labour guide

Answer: D) Labour guide

57. What is the purpose of indexing pin provided in the bulb case?

- A) For easy identification B) Retain the bulb in the socket
C) Prevent damage to light D) Complete the circuit

Answer: B) Retain the bulb in the socket

58. What is the function of clutch?

- A) Reduce the noise during engine running B) Connect and disconnect power flow engine to gear box
C) Increase and decrease the RPM of engine D) Prevent malfunctioning of fly wheel

Answer: B) Connect and disconnect power flow engine to gear box

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

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

Answer: B) Fiber composite springs

60. What is the advantage of using independent suspension system?

- A) Spring weight is less B) This is simple arrangement
C) Maintenance cost is less D) Shocks are transmitted from one wheel to other

Answer: A) Spring weight is less

61. What is the disadvantage of independent suspension system?

- A) Shocks transmitted from one wheel to other B) Spring weight is more
C) Vibration damping is less effective D) More maintenance cost

Answer: D) More maintenance cost

62. Which factor affecting suspension?

- A) Wornout spring B) Damaged chassis frame
C) Abnormal tyre wear D) More shocks, uncomfortable riding

Answer: A) Wornout spring

63. Which type of system is to isolate the vehicle body from road shock and vibration?

- A) Control system B) Suspension system
C) Steering system D) Hydraulic system

Answer: B) Suspension system

64. What is the advantage of multiplex network?

- A) Improve vehicle safety system B) Determine vehicle tracking system
C) Prevent malfunctioning of air bag system D) Reduce system cost and weight

Answer: B) Determine vehicle tracking system

65. What is the steering linkage ratio if the pitman arm length twice of steering arm length?

- A) 01:02 B) 02:03
C) 02:01 D) 02:01

Answer: A) 01:02

66. How much is the current consumption of wind shield wiper motor?

- A) 3.5 to 5.2 Amps B) 2.7 to 3.4 Amps
C) 1.8 to 3.2 Amps D) 2.2 to 3.2 Amps

Answer: B) 2.7 to 3.4 Amps

67. What is the cause of noise in steering?

- A) Defective torsion bar B) High fluid level
C) Presence of air in the fluid D) Defective flow control valve

Answer: C) Presence of air in the fluid

68. Why the brushes are provided with a curvature at the bottom in the starting system?

- A) Provide more contact with commutator B) Provide ventilation to commutator
C) Ensure proper heat dissipation D) Prevent wear on commutator

Answer: A) Provide more contact with commutator

69. Which part of bendix drive starting system limit the turning of the sleeve on the armature shaft?

- A) Pinion B) Bendix drive spring
C) Anti drift spring D) Fly wheel

Answer: B) Bendix drive spring

70. Which part of integral power steering reduce fluid pressure?

- A) Torsion bar B) Rotary valve
C) Flow control valve D) Unloading valve

Answer: D) Unloading valve

71. What is the battery system used for heavy vehicles?

- A) 6 volts B) 12 volts

- C) Provide caution to the driver D) 24 volts

Answer: D) 24 volts

72. Which part of electronic fuel injection system controls opening of bypass air passage?

- A) Idle air control valve B) Check valve
C) Pressure relief valve D) Throttle valve

Answer: A) Idle air control valve

73. 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) Mechanical shock absorber
C) Hydraulic shock absorber D) Automatic load adjustable shock absorber

Answer: D) Automatic load adjustable shock absorber

74. Which rating indicate the braking capabilities of the tire to the consumer?

- A) Temperature rating B) Ply rating
C) Traction rating D) Tyre rating

Answer: C) Traction rating

75. What is the necessity of wiper unit?

- A) To provide easy steering B) To see road and traffic clearly
C) To provide balancing of vehicle D) To reduce effort on the steering

Answer: B) To see road and traffic clearly

76. What is the purpose of slot provided in the laminated cylindrical iron core of stator assembly?

- A) For fitting insulated windings B) For lubrication
C) Provide space for cooling D) For easy fitting

Answer: A) For fitting insulated windings

77. What causes 'Air suction' in pump of hydraulic power steering system?

- A) Steering wheel play B) High fluid level
C) Low pressure D) Noise

Answer: D) Noise

78. What is the role of recirculating balls in the integral power steering?

- A) Prevent control in event of hydraulic failure B) Provide hard steering
C) Affect steering stability D) Combine high mechanical efficiency with smooth operation

Answer: D) Combine high mechanical efficiency with smooth operation

79. What is the brake pedal free play range permitted while adjusting?

- A) 13 mm to 18 mm
- B) 4 mm to 8 mm
- C) 6 mm to 12 mm
- D) 8 mm to 10 mm

Answer: C) 6 mm to 12 mm

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

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

Answer: C) Provide accurate rounds of rim

81. Which type of shock absorber absorbs shocks with the help of friction disc and spring?

- A) Mechanical type
- B) Hydraulic type
- C) Pneumatic type
- D) Electrical type

Answer: A) Mechanical type

82. What will be the result of worn teeth of ring gear in the starting system?

- A) Motor running but too fast
- B) Starter motor running too slow
- C) Starter motor running but not cranking
- D) Motor not running no operating sound of magnetic switch

Answer: C) Starter motor running but not cranking

83. Which type of gear teeth are straight and parallel to the gear axis

- A) Bevel gear
- B) Worm gear
- C) Spur gear
- D) Helical gear

Answer: C) Spur gear

84. Which type of gear converts rotary motion in to linear motion and vice versa?

- A) Helical gears
- B) Spur gear
- C) Bevel gear
- D) Rack and Pinion

Answer: D) Rack and Pinion

85. Which electronic control system prevent stalling of engine when additional loads are placed on the engine?

- A) Fuel injection control system
- B) Idle speed control system
- C) Ignition control system
- D) Fuel pump control system

Answer: B) Idle speed control system

86. Which is the heart of integral power steering system?

- A) Unloading valves
- B) Flow control valve
- C) Pressure relief valve
- D) Rotary control valve

Answer: D) Rotary control valve

87. What is the cause for engine fails to start?

- A) Defective thermostat
- B) Defective starter motor
- C) Defective oil pump
- D) Defective water pump

Answer: B) Defective starter motor

88. What is the steering linkage ratio if the pitman arm length twice of steering arm length?

- A) 02:01
- B) 02:01
- C) 01:02
- D) 02:03

Answer: C) 01:02

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

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

Answer: B) Provide strength to tyre

90. Which sensor located in the intake manifold or throttle body?

- A) Oxygen sensor
- B) Hall effect sensor
- C) Mass air flow sensor
- D) Air vertex sensor

Answer: C) Mass air flow sensor

91. Which is noise free clutch?

- A) Dog clutch
- B) Diaphragm spring type clutch
- C) Single plate clutch
- D) Multi plate clutch

Answer: B) Diaphragm spring type clutch

92. What will effect in case of over inflated tyres?

- A) Tyre will wear out at edges
- B) Tyre will crack at centre
- C) Tyre will wearout at centre
- D) Tyre will crack at edges

Answer: C) Tyre will wearout at centre

93. What is the advantage of EFI engine management system?

- A) Increased mechanical efficiency
- B) Increased thermal efficiency
- C) Effective fuel distribution achieved
- D) Better starting and acceleration

Answer: D) Better starting and acceleration

94. Which type of wipers are used for heavy motor vehicles?

- A) Compressed air operated wiper
- B) Hydraulically operated wiper
- C) Vacuum operated wiper
- D) Hand operated wiper

Answer: A) Compressed air operated wiper

95. How the tyre is specified?

A) Ply rating, tyre inner circle dia, shoulder width

B) Shoulder width, Tyre thickness

C) Shoulder dia, Bead circle dia, Ply rating

D) Shoulder width, Boad circle dia. Ply rating

Answer: D) Shoulder width, Boad circle dia. Ply rating

96. What is the effect on engine performance if air leak in the induction system observed?

A) Pressure regulator

B) Engine hard to start - Hot

C) Engine cranks but will not start

D) Engine produce abnormal noise

Answer: B) Engine hard to start - Hot

97. What is the cause of window glass is not lifting while motor running properly?

A) Power window switch defective

B) Window glass lifting regulator defective

C) Glass door channels unserviceable

D) Motor is defective

Answer: B) Window glass lifting regulator defective

98. What is the purpose of castor in wheel alignment?

A) Convert steering torque input into voltage signal

B) Reduce tyre wear

C) Reduce abnormal vibration

D) Maintain directional stability and control

Answer: D) Maintain directional stability and control

99. Why rubber buffer is provided in the main spring of suspension system?

A) Transfer the load equally

B) Protect chassis frame from heavy jerk

C) Transfer pay load smoothly

D) Provide steering control stability

Answer: B) Protect chassis frame from heavy jerk

100. Which type of seal allows a controlled amount of fluid leakage to lubricant moving parts?

A) Positive seal

B) Static seal

C) Non - positive seal

D) Dynamic seal

Answer: C) Non - positive seal

101. What is the function ambient temperature sensor in the air conditioning system?

A) Monitor air temperature inside vehicle

B) Monitor air temperature outside vehicle

C) Monitor air temperature in driver cabin

D) Monitor air temperature at the exhaust

Answer: B) Monitor air temperature outside vehicle

102. Why the alternate spokes are screwed to slope forward and backward towards the rim in the wire wheel?

A) To distribute the load evenly

B) To observe braking and driving torque

C) To provide cushioning effect

D) To take the uneven load

Answer: B) To observe braking and driving torque

103. Which system deals with alternator?

A) HVAC system

B) Starting system

C) Charging system

D) Steering system

Answer: C) Charging system

104. What is the function of steering system?

A) To control the braking system

B) To guide the vehicle

C) To control the fuel system

D) To increase the engine RPM

Answer: B) To guide the vehicle

105. Why tyre wear found abnormal in the vehicle?

A) Loose wheel nut

B) Improper linkage adjustment

C) Improper tyre pressure

D) Improper tol-in and tol - out

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

106. Which principle is applicable for hydraulic brakes?

A) Boyle's law

B) Hooke's law

C) Pascal's law

D) Newton's law of motion

Answer: C) Pascal's law

107. Where the engine control module installed in the engine?

A) In the gear box assembly

B) Near the fly wheel

C) Front side of radiator

D) Under side of instrument panel

Answer: D) Under side of instrument panel

108. How the alternator field terminal is connected to the battery?

A) By ignition switch

B) By charge indicator

C) By indicator lamp

D) By voltage regulator

Answer: A) By ignition switch

109. What is the function of condenser?

A) Control the refrigerant flow

B) Cool the hot refrigerant

C) Absorbs moisture in the system

D) Convert refrigerant to vapour

Answer: B) Cool the hot refrigerant

110. What is to be checked up if the engine overheats?

A) Coolant level

B) Hydraulic fluid level

C) Fuel level

D) Electrolyte level

Answer: A) Coolant level

111. Which type of head light provide 25% more light than sealed beam head lights?

- A) LCD type head light
- B) LED type head light
- C) Halogon head light
- D) Neon type head light

Answer: C) Halogon head light

112. What is the boiling point of refrigerant R-134a?

- A) 27.8 Degree Centigrade
- B) 26.5 Degree Centigrade
- C) 22.0 Degree Centigrade
- D) 20.5 Degree Centigrade

Answer: B) 26.5 Degree Centigrade

113. Where the starter motor located?

- A) Bottom of engine
- B) Front side of engine
- C) Rear side of engine
- D) Top side of engine

Answer: C) Rear side of engine

114. What is the advantage of series winding type starter motor?

- A) Less cost of maintance
- B) Increase the life of armature
- C) Produce constant starting torue
- D) Produce high starting torque

Answer: D) Produce high starting torque

115. What causes horn sounds continuously even switch is in off position?

- A) Relay point stuck up
- B) Low battery voltage
- C) Fuse blown off
- D) Incorrectly adjusted relay

Answer: A) Relay point stuck up

116. What is the impact of larger scrub raiouos?

- A) Wear on the outer edge of tyre
- B) Wear on the centre part of tyre
- C) Unequal braking on the front wheel
- D) Bending of steering linkage point

Answer: C) Unequal braking on the front wheel

117. Which rating indicate the braking capabilities of the tire to the consumer?

- A) Temperature rating
- B) Ply rating
- C) Traction rating
- D) Tyre rating

Answer: C) Traction rating

118. What is the name of seal used between two parts that do not move in relation to each other?

- A) Static seal
- B) Square cut seal
- C) Teflow seal
- D) Dynamic seal

Answer: A) Static seal

119. Why light weight cars use low steering ratio?

- A) To obtain large steering effect
- B) To obtain no steering effect

- C) To obtain constant steering effect
- D) To obtain low steering effect

Answer: A) To obtain large steering effect

120. Which steering system will provide assistance even when the engine is not running?

- A) Electronic power steering
- B) Integral power steering
- C) Linkage power steering
- D) Manual steering

Answer: A) Electronic power steering

121. Why rubber buffer is provided in the main spring of suspension system?

- A) Provide steering control stability
- B) Protect chassis frame from heavy jerk
- C) Transfer the load equaly
- D) Transfer pay load smoothly

Answer: B) Protect chassis frame from heavy jerk

122. What is the purpose of castor in wheel alignment?

- A) Convert steering torque input into voltage signal
- B) Maintain directional stability and control
- C) Reduce tyre wear
- D) Reduce abnormal vibration

Answer: B) Maintain directional stability and control

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

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

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

124. Which is not the benefit of power steering?

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

Answer: D) Positive breaking system

125. Which sensor used to measure the magnitude of a magnetic field?

- A) Voltage sensor
- B) Air vertex sensor
- C) Hall effect sensor
- D) Engine knocking sensor

Answer: C) Hall effect sensor

126. What causes charges at high rate in the alternator?

- A) Open rectifier circuit
- B) Voltage regulator setting too high
- C) Voltage regulator setting too low
- D) Open field current

Answer: B) Voltage regulator setting too high

127. What is the role of ABS brakes?

- A) Prevents skidding of vehicles
B) Reduce the brake failures
C) Increase frictional power
D) Provide positive braking

Answer: A) Prevents skidding of vehicles

128. What is the purpose of seat belt pre tensioners?

- A) Protect the occupant from head injury
B) Hold the occupant tightly in the seat
C) Detect passengers weight
D) Prevent the side way movement of seat

Answer: B) Hold the occupant tightly in the seat

129. Which system provided between axles and chassis frame?

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

Answer: B) Suspension system

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

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

Answer: D) Improper camber

131. Which instrument indicate engine RPM in the engine control module?

- A) Hydro meter
B) Tachometer
C) Galvano meter
D) Pyno meter

Answer: B) Tachometer

132. Which material is used for brake rotors and brake pads for aircraft and racing cars?

- A) Asbestos
B) Copper, brass, steel
C) Carbon fiber reinforced carbon composite
D) Sintered alloy

Answer: C) Carbon fiber reinforced carbon composite

133. What is the special feature of cold start system?

- A) Determine timing and sequence of fuel injection
B) Provide positive starting
C) Intake manifold
D) Provide additional fuel during starting

Answer: D) Provide additional fuel during starting

134. Which type of joint permit small diffraction angle and linear variations?

- A) Flexible discs
B) Tripod joint
C) Pot joint
D) Double joint

Answer: A) Flexible discs

135. Which sensor is used to alert the driver of unseen obstacles?

- A) Pressure sensor
B) Speed sensor

- C) Torque sensor
D) Parking sensor

Answer: D) Parking sensor

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

- A) Helical springs
B) Leaf springs
C) Coil springs
D) Compression springs

Answer: A) Helical springs

137. What is the cause of 'Poor self centering' in a vehicle?

- A) Low oil level
B) Loose wheel level
C) Improper wheel alignment
D) Filter chocked

Answer: C) Improper wheel alignment

138. Which system provides DC power source for the various units of the vehicles?

- A) Steering system
B) Storage system
C) Charging system
D) Lighting system

Answer: B) Storage system

139. How to rectify the defect of noise in hydraulic steering?

- A) Fill fluid to correct level and bleed the system
B) Adjust the torsion bar linkage
C) Replace the flow control valve
D) Replace the with new fluid

Answer: A) Fill fluid to correct level and bleed the system

140. What does the third digit of system trouble code no.6 deals with in scan tool letter code?

- A) Transmission system
B) Ignition system
C) Computer system
D) Emission system

Answer: C) Computer system

141. Which system making the drive cabin comfortable for driving?

- A) Charging system
B) Steering system
C) Starting system
D) HVAC system

Answer: D) HVAC system

142. Which factor does not affect the torque transmission by clutch?

- A) Axial load on the clutch
B) Number of clutch plates used
C) Co-efficient of friction
D) Size of clutch plat

Answer: A) Axial load on the clutch

143. What is the permitted diffraction angle of pot joint?

- A) 26 Degree
B) 18 Degree
C) 20 Degree
D) 22 Degree

Answer: D) 22 Degree

144. Which device permits air to the air brake system?

- A) Hand control valve
- B) Brake valve
- C) Spring brake actuator
- D) System protection valve

Answer: B) Brake valve

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

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

Answer: A) Telescopic type

146. What is the aspect ratio in the tyre structure?

- A) Percentage ratio of tyre height to Rim width
- B) Ratio between tyre height to tyre dia
- C) Percentage ratio of tyre height to tyre width
- D) Ratio between tyre width to Rim width

Answer: C) Percentage ratio of tyre height to tyre width

147. What is the advantage of dual mass fly wheel?

- A) Prevent wrong clutch engagements
- B) Transmit the torque with less effort
- C) Reduction of gear box and body noises
- D) Reduce the possibility of clutch slip

Answer: C) Reduction of gear box and body noises

148. Which type of gear will not produce axial thrust while transmitting torque

- A) Worm gears
- B) Spiral bevel gear
- C) Spur gear
- D) Helical gears

Answer: C) Spur gear

149. What should be the high air flow rate permitted while doing performance checking in automobile AC system?

- A) 10 kg per min
- B) 6 kg per min
- C) 8 kg per min
- D) 4 kg per min

Answer: C) 8 kg per min

150. How to confirm the satisfactory function of air bag system?

- A) Warning light on and flash few times and go out during starting
- B) Peep sound on during starting
- C) Air bag warning light come on during starting and stopping
- D) Warning light on with engine running through

Answer: A) Warning light on and flash few times and go out during starting

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

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

Answer: A) Good braking efficiency in both rear wheels

152. Which type of ECU is the combination of ECM and TCM in the vehicle?

- A) BCM
- B) PCM
- C) VCM
- D) EBCM

Answer: B) PCM

153. Which steering system will provide assistance even when the engine is not running?

- A) Electronic power steering
- B) Linkage power steering
- C) Integral power steering
- D) Manual steering

Answer: A) Electronic power steering

154. What is the aspect ratio in the tyre structure?

- A) Ratio between tyre width to Rim width
- B) Ratio between tyre height to tyre dia
- C) Percentage ratio of tyre height to Rim width
- D) Percentage ratio of tyre height to tyre width

Answer: D) Percentage ratio of tyre height to tyre width

155. Which is not the function of suspension system?

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

Answer: C) It increase steering stability

156. Where the red colour indicator lamps are provided in the vehicle?

- A) Pilot lamp
- B) Side of vehicle
- C) Front side
- D) Rear side

Answer: D) Rear side

157. What is the function of drive end frame in the alternator?

- A) Allow current flow in one direction
- B) Support the pre lubricated sealed bearing
- C) Connecting to spring loaded brush
- D) Carriers driving pulley

Answer: B) Support the pre lubricated sealed bearing

158. Which law states that the induction of electromotive force in any closed circuit is equal to the rate of change of magnetic flux?

- A) Ohms law
- B) Charles law
- C) Law of resistance
- D) Faradays law

Answer: D) Faradays law

159. Which type of wheel consist two separate discs are clamped together?

- A) Split wheel
- B) Heavy vehicle

- C) Wire wheel D) Disc wheel

Answer: A) Split wheel

160. What is the effect of discharged battery?

- A) Air lock in the fuel system B) Abnormal noise in the engine
C) Engine does not crank D) Engine back fire

Answer: C) Engine does not crank

161. What is the function of diodes?

- A) Step up voltage B) Convert AC to DC
C) Convert DC to AC D) Step down voltage

Answer: B) Convert AC to DC

162. Which type of winding is connected to the starter switch in the solenoid switch?

- A) Primary winding B) Compound winding
C) Pull in winding D) Hold in winding

Answer: C) Pull in winding

163. Which type of gear will have more than one tooth in contact at the same time

- A) Spur bevel gear B) Helical gear
C) Spur gear D) Rack and Pinion

Answer: B) Helical gear

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

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

Answer: B) Multiple - leaf spring

165. Which type of sensor used to monitor the injection timing and ignition timing of engine?

- A) Pressure sensor B) Throttle position sensor
C) Engine knocking sensor D) Crank and cam, shaft position sensor

Answer: D) Crank and cam, shaft position sensor

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

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

Answer: B) Good braking efficiency in both rear wheels

167. What is the function of rotor assembly?

- A) Supports pre lubricated scaled bearing B) Supports rectifier mounting plates
C) Carriers driving pulley and cooling fan D) Allow the current flow in one direction

Answer: C) Carriers driving pulley and cooling fan

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

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

Answer: A) Automatic load adjustable shock absorber

169. How to rectify the hard gear shifting?

- A) Lubricate the unit B) Re - install springs correctly
C) Check and realign D) Adjust clutch pedal free play

Answer: D) Adjust clutch pedal free play

170. Which device in the air suspension system observe vibration of low amplitude and high frequency?

- A) Suspension spring B) Air bags in the system
C) Shock absorber D) Leaf spring

Answer: C) Shock absorber

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

- A) Between 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) Between frame and vehicle axle

172. What is the use of compact spare tyres?

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

Answer: D) Used for breakdown

173. What is the advantage of mechanical actuated type clutches?

- A) Easy to operate B) Smooth functioning
C) Less pedal effort D) Less maintenance and repair

Answer: D) Less maintenance and repair

174. What is the cause of 'Wheel wobbling'?

- A) King pin wornout B) Drop in pressure
C) Wrong hose size D) Improper tyre pressure

Answer: A) King pin wornout

175. What is the cause of ? low pressure? in the hydraulic power steering system?

- A) Wornout sealing ring B) Wrong flow control valve setting

- C) Air in the system D) Low oil level

Answer: B) Wrong flow control valve setting

176. Which type of ECU control actuators of engine?

- A) VCM B) ECM
C) EBCM D) TCM

Answer: B) ECM

177. Which instrument is used to check the face out of the fly wheel?

- A) Dial indicator B) Outside micrometer
C) Inside micrometer D) Bore dial gauge

Answer: A) Dial indicator

178. Which type of gear box provided with helical gears?

- A) Constant mesh gear box B) Auto synchromesh gear box
C) Sliding mesh gear box D) Synchromesh gear box

Answer: A) Constant mesh gear box

179. What is the average power steering gear ratio followed in general?

- A) Equal to manual steering B) 10% more than manual steering
C) 20% less than manual steering D) 40% less than manual steering

Answer: C) 20% less than manual steering

180. What is the contributory cause for the engine hard to start - cold?

- A) Damaged radiator B) Defective oil pressure
C) Thermo time switch faulty D) Faulty fuel filter

Answer: C) Thermo time switch faulty

181. Which type of flow mode is selected if outside is dusty and contaminated in car AC system?

- A) Recirculation mode B) Defroster mode
C) Fresh mode D) Heating mode

Answer: A) Recirculation mode

182. How much is the difference in resistance is permitted in the temperature sensor unit?

- A) More than 400 ohms B) More than 150 ohms
C) More than 200 ohms D) More than 100 ohms

Answer: C) More than 200 ohms

183. What is the working principle of alternator?

- A) Ohms law B) Electromagnetic induction
C) Law of resistance D) Lenz's law

Answer: B) Electromagnetic induction

184. What is the permitted range of pedal play observed in the heavy vehicle?

- A) 16 -20 mm B) 6 -10 mm
C) 15 -18 mm D) 2 -4 mm

Answer: B) 6 -10 mm

185. What is the firing order for four cylinder engine?

- A) 3,1,4,2 B) 2,3,1,4
C) 1,3,4,2 D) 1,2,3,4

Answer: C) 1,3,4,2

186. What is the adverse effect of fly wheel ring to starter pinion ratio is very high?

- A) Reduce the starting torque B) Starter motor fails to start
C) Increase the starting torque D) Damage to starter motor

Answer: D) Damage to starter motor

187. What is the motive of vehicle information report?

- A) Provide information about warming system B) Provide information about tracking of vehicle
C) Provide information about vehicle safety D) Provide information about vehicle registration history

Answer: D) Provide information about vehicle registration history

188. What is the colour of pilot lamp provided in the vehicle?

- A) Orange B) White
C) Green D) Red

Answer: C) Green

189. What is the use of two small lamps fitted front and rear of vehicle?

- A) Used for parking on the road B) Provide illumination
C) D) Used for visibility

Answer: A) Used for parking on the road

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

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

Answer: A) Ball joint

191. What causes 'Air suction' in pump of hydraulic power steering system?

- A) Low pressure B) High fluid level
C) Steering wheel play D) Noise

Answer: D) Noise

192. What will be the effect of negative camber excessive in

the wheel alignment?

- A) Centre of tyre wearout faster
- B) Inner edge of tyre wear out faster
- C) Cracks developed in the tyre tread
- D) Outer edge of tyre wearout faster

Answer: B) Inner edge of tyre wear out faster

193. Which type of DC starter motor generally used in automobiles?

- A) Shunt type
- B) Parallel type
- C) Series type
- D) Compound type

Answer: C) Series type

194. Which type of independent suspension system simple in construction and allow more deflection of the front wheel without effect on the steering?

- A) Coil spring suspension
- B) Strut type suspension
- C) Conventional suspension
- D) Torsion bar suspension

Answer: B) Strut type suspension

195. What is the temperature limit set to ON/OFF for the radiator control system?

- A) ON and OFF at above 98 Degree Centigrade and 93 Degree Centigrade
- B) ON and OFF at below 93 Degree Centigrade and 84 Degree Centigrade
- C) ON and OFF at below 98 Degree Centigrade and 93 Degree Centigrade
- D) ON and OFF at above 90 Degree Centigrade and 81 Degree Centigrade

Answer: C) ON and OFF at below 98 Degree Centigrade and 93 Degree Centigrade

196. What is the purpose of condenser in the ignition system?

- A) Insulate spark plug electrodes
- B) Open and close the primary circuit
- C) Distribute high tension current to spark
- D) Prevents arcs at the points

Answer: D) Prevents arcs at the points

197. Which type of synchromesh gear box used for heavy commercial vehicles?

- A) Baulk ring type
- B) Multi and double cone type
- C) Porche type
- D) Baulk type

Answer: B) Multi and double cone type

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

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

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

199. What will be the result of loose drive pulley in the alternator?

- A) Alternator noisy
- B) Charges at high rate
- C) Low voltage output from alternator
- D) No change when engine running

Answer: A) Alternator noisy

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

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

Answer: D) Coil spring

201. Which is the heart of integral power steering system?

- A) Flow control valve
- B) Rotary control valve
- C) Pressure relief valve
- D) Unloading valves

Answer: B) Rotary control valve

202. What is the advantage of using independent suspension system?

- A) Spring weight is less
- B) Maintenance cost is less
- C) Shocks are transmitted from one wheel to other
- D) This is simple arrangement

Answer: A) Spring weight is less

203. How the tyre height is calculated?

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

Answer: D) Tyre outer dia - Rim dia

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

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

Answer: D) Fiber composite springs

205. Which device inflates the air bag in few milli seconds during vehicle collision?

- A) Seat belt pre tensioners
- B) GPS tracker
- C) Steering lock
- D) Inflator module

Answer: D) Inflator module

206. What causes the defect of ?Hard steering? in the hydraulic power steering system?

- A) Improper position of drop arm
- B) Improper size of tyre
- C) Tie rod loose fitting
- D) Band axle beam

Answer: D) Band axle beam

207. Which part provides flexible connection and permits smooth transfer of torque from gear box to the rear axle?

- A) Half shaft
C) Fly wheel
- B) Clutch shaft
D) Universal joint

Answer: D) Universal joint

208. Which system determine the vehicles location by forming a triangle with a group of four or more satallites?

- A) Networking and Multiplexing
C) Reflective displays
- B) Telematic
D) Triangulation

Answer: D) Triangulation

209. Which gear will produce clicking noise during teeth contact?

- A) Bevel gear
C) Spur gear
- B) Helical gear
D) Worm gear

Answer: C) Spur gear

210. What is the possible cause of high fuel consumption?

- A) Low fuel in the tank
C) High fuel in the tank
- B) Wrong injection timing
D) High compression pressure

Answer: B) Wrong injection timing

211. What is the material used to make brake drum?

- A) High carbon steel
C) High speed steel
- B) Special type castiron
D) Stainless steel

Answer: B) Special type castiron

212. What is the expansion of ICAT in the vehicle safety system?

- A) Indian computer advanced technology
C) Indian combat advanced technology
- B) Intelligent computerized anti theft system
D) Intelligent computer advanced techonlogy

Answer: B) Intelligent computerized anti theft system

213. How the armature winding ends are connected with commutator?

- A) By riveting
C) By soldering
- B) By brazing
D) By welding

Answer: C) By soldering

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

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

Answer: B) Thread radious

215. 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

Answer: B) It controls the slip of the rear wheel

216. Which system not connected with electrical system?

- A) Steering system
C) Charging system
- B) Suspension system
D) Transmission system

Answer: D) Transmission system

217. Which type of gear box can be operated even by unskilled driver?

- A) Synchromesh gear box
C) Sliding mesh gear box
- B) Constant mesh gear box
D) Compound wheel mesh gear box

Answer: A) Synchromesh gear box

218. What is the range of steering ratio available in general?

- A) 11 : 2 to 22 : 2
C) 8 : 2 to 22 : 2
- B) 10 : 1 to 18 : 1
D) 11 : 1 to 24 : 1

Answer: D) 11 : 1 to 24 : 1

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

- A) Coil springs
C) Leaf springs
- B) Compression springs
D) Helical springs

Answer: D) Helical springs

220. What is the impact of larger scrub radious?

- A) Wear on the centre part of tyre
C) Unequal braking on the front wheel
- B) Bending of steering linkage point
D) Wear on the outer edge of tyre

Answer: C) Unequal braking on the front wheel

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

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

Answer: B) Vehicle pulling to one side

222. What is the possible reason for gear slip?

- A) Wrong clutch engagement
C) Excessive end float of gear
- B) Wornout clutch plate
D) Wrong selection gear shift lever

Answer: C) Excessive end float of gear

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

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

Answer: D) Improper camber

224. What is the cause of 'Wheel wobbling'?

- A) Wrong hose size B) King pin wornout
C) Drop in pressure D) Improper tyre pressure

Answer: B) King pin wornout

225. Why it is necessary to disengage the starter pinion from fly wheel ring gear once the engine has started?

- A) Prevent damage to starter motor B) Prevent wastage of current
C) Reduce the wear on commutator D) Increase the fuel efficiency

Answer: A) Prevent damage to starter motor

226. What is the cause of 'Poor self centering' in a vehicle?

- A) Filter choked B) Improper wheel alignment
C) Loose wheel level D) Low oil level

Answer: B) Improper wheel alignment

227. How much DC supply voltage required for servo motor?

- A) 4 V to 8 V B) 5V to 7.5 V
C) 3.5 V to 8 V D) 4.8 V to 6 V

Answer: D) 4.8 V to 6 V

228. What is the purpose of air suspension?

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

Answer: D) Used for leveling purpose

229. What will be the effect of negative scrub radius?

- A) The tyre centre portion wear out B) Wheel is caused to toe - out
C) Wheel is caused to toe - in D) Wheel is kept in straight position

Answer: C) Wheel is caused to toe - in

230. Which sensor is used to sense vibration?

- A) Hall effect sensor B) Engine knocking sensor
C) Air vertex sensor D) Vehicle speed sensor

Answer: B) Engine knocking sensor

231. What is the permitted spark plug gap in general?

- A) 2.03 mm B) 2.53 mm
C) 2.92 mm D) 2.83 mm

Answer: A) 2.03 mm

232. What is the permitted diffraction angle of double joint?

- A) 62 Degree B) 50 Degree
C) 72 Degree D) 58 Degree

Answer: B) 50 Degree

233. What is the purpose of 'V' pulley in the charging system?

- A) Drive the cam shaft B) Drive the crank shaft
C) Rotate the alternator rotor D) Support rectifier mounting plates

Answer: C) Rotate the alternator rotor

234. Which device detect the driven wheel spin through sensor?

- A) ELSD B) ECU
C) EBD D) TCS

Answer: B) ECU

235. What will be the effect of negative camber excessive in the wheel alignment?

- A) Centre of tyre wearout faster B) Inner edge of tyre wear out faster
C) Outer edge of tyre wearout faster D) Cracks developed in the tyre tread

Answer: B) Inner edge of tyre wear out faster

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

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

Answer: D) Coil spring

237. Which part of air conditioning system absorbs moisture in the system?

- A) Expansion valve B) Evaporator
C) Condenser D) Receiver

Answer: D) Receiver

238. 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

Answer: B) Presence of air in the fluid

239. What is the function of vehicle control module?

- A) Control engine and vehicle performance B) Control anti clock brake system
C) Handle transmission D) Control actuators of engine

Answer: A) Control engine and vehicle performance

240. What is the possible cause for immobilizer antenna error?

- A) Unregistered ignition key B) Blown fuse
C) ECM problem D) Poor transponder in key

Answer: C) ECM problem

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

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

Answer: B) Vehicle pulling to one side

242. What is the effect of defective oil pump?

- A) Detonation occur
- B) Engine seized
- C) Low oil pressure
- D) High oil pressure

Answer: B) Engine seized

243. What will be effect of unequal castor in the vehicle?

- A) Driver have to use less effort on steering
- B) Increase steering stability
- C) Vehicle pull to one side wheel
- D) Vehicle will not move

Answer: C) Vehicle pull to one side wheel

244. Which type of gear will not produce axial thrust but it neutralizes the axial thrust?

- A) Worm gear
- B) Herring bone gears
- C) Bevel gear
- D) Spur gear

Answer: B) Herring bone gears

245. What is the cause of low voltage output from alternator?

- A) Loose mountings
- B) Wornout bearing
- C) Loose drive pully
- D) Faulty regulator

Answer: D) Faulty regulator

246. Why synchromesh action is needed in a gear box?

- A) Provide noise in gear shifting
- B) Easy gear shifting when vehicle in motion
- C) Damage the gear teeth during gear change
- D) Prevent cushioning effect during gear shifting

Answer: B) Easy gear shifting when vehicle in motion

247. What does the 3rd digit code no 9. indicate system trouble in scan tool letter codes?

- A) Computer system
- B) Input/out signal and controls
- C) Ignition system
- D) Emission system

Answer: B) Input/out signal and controls

248. What is the name of distance between most protruding portions on both sides of tyre?

- A) Thread radius
- B) Tyre height
- C) Tyre outer diameter
- D) Tyre width

Answer: D) Tyre width

249. Which type of clutch provides more frictional area and simple in construction?

- A) Cone clutch
- B) Diaphragm spring clutch

- C) Dog clutch
- D) Multi plate clutch

Answer: A) Cone clutch

250. What is reason for low oil pressure?

- A) Clogged air filter
- B) Defective pressure release valve
- C) Oil level is high
- D) Clogged oil filter

Answer: B) Defective pressure release valve

251. What is the use of tail light?

- A) Provide enough visibility
- B) Indication to slowing down
- C) Provide interior illumination
- D) Indication to vehicle behind

Answer: D) Indication to vehicle behind

252. Which part of ignition system connects and disconnects primary circuit?

- A) Contact breaker
- B) Distributor
- C) Ignition coil
- D) Condenser

Answer: A) Contact breaker

253. When the driver is warned of difference in tyre pressure?

- A) Difference in pressure more than 20%
- B) Difference in pressure exceeds 30%
- C) Difference in pressure more than 10%
- D) Difference in pressure exceeds 40%

Answer: B) Difference in pressure exceeds 30%

254. Why vibration damper are not used inside the helical spring?

- A) No effect on load carrying capacity
- B) Not economical
- C) Fitting and removing time consuming
- D) Possibility of stuck in one position

Answer: C) Fitting and removing time consuming

255. What is the advantage of dog clutch?

- A) More frictional area
- B) Less pedal force to operate
- C) Easy maintenance and repair
- D) No possibility of slip

Answer: D) No possibility of slip

256. What is the function of over running clutch in the starting system?

- A) Operate the solenoid
- B) Drive the armature shaft
- C) Prevent sliding movement of pinion
- D) Protect armature from damage

Answer: D) Protect armature from damage

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

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

Answer: B) Telescopic type

258. What is the cause for high oil consumption?

- A) Clogged air cleaner B) Coolant level
C) Clogged oil filter D) Weak compression

Answer: D) Weak compression

259. Which device in electronic power steering converts the steering torque input and its direction in to voltage signals?

- A) Torque sensor B) Hall effect sensor
C) Rotation sensor D) Temperature sensor

Answer: A) Torque sensor

260. What is the effect of weak suspension?

- A) Vibration damping is more effective B) Carrying excessive payload of vehicle
C) Directional instability of vehicle D) Unequal weight distribution of weight

Answer: C) Directional instability of vehicle

261. What is the function of Rim in the wheel construction?

- A) Provides balancing of vehicle B) Support the axle
C) Distribute the load equally D) Holds the tyre in correct position

Answer: D) Holds the tyre in correct position

262. What is the use of cornering light in a vehicle?

- A) Highlight the blind spot during bend B) Provide enough visibility to driver
C) Indicate traffic behind vehicle D) Provide interior illumination

Answer: A) Highlight the blind spot during bend

263. What is the role of recirculating balls in the integral power steering?

- A) Provide hard steering B) Prevent control in event of hydraulic failure
C) Combine high mechanical efficiency with smooth operation D) Affect steering stability

Answer: C) Combine high mechanical efficiency with smooth operation

264. What is the achieved through spark plug end gap design?

- A) Improve fuel atomisation B) Improve combustion swirl
C) Increase the fuel pressure D) Helps for the complete ignition

Answer: B) Improve combustion swirl

265. What is the advantage of using power steering system?

- A) To enhance the fuel efficiency B) To turn and control vehicle with less effort
C) To increase the engine power D) To reduce the fuel consumption

Answer: B) To turn and control vehicle with less effort

266. What is the cause for high fuel consumption in diesel engine?

- A) Fuel level in tank is high B) Oil level high
C) High compression pressure D) Piston ring worn-out

Answer: D) Piston ring worn-out

267. Which type of ECU control the power windows of vehicle?

- A) VCM B) ECM
C) BCM D) EBCM

Answer: C) BCM

268. What is the disadvantage of independent suspension system?

- A) Vibration damping is less effective B) Shocks transmitted from one wheel to other
C) Spring weight is more D) More maintenance cost

Answer: D) More maintenance cost

269. What is the function of Rim in the wheel construction?

- A) Holds the tyre in correct position B) Provides balancing of vehicle
C) Support the axle D) Distribute the load equally

Answer: A) Holds the tyre in correct position

270. What is the cause of hard gear shifting?

- A) Synchronizing unit stuck B) Synchronizing unit damaged
C) Fly wheel ring wornout D) Bearing worn out

Answer: B) Synchronizing unit damaged

271. Why vibration damper are not used inside the helical spring?

- A) Possibility of stuck in one position B) Fitting and removing time consuming
C) No effect on load carrying capacity D) Not economical

Answer: B) Fitting and removing time consuming

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

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

Answer: D) Increase the tyre life

273. What is the main feature of hydraulic actuated clutches?

- A) Pedal effort transmitted through linkage
- B) Pedal effort transmitted through fluid
- C) Pedal effort transmitted through spring
- D) Pedal effort transmitted through coupling

Answer: C) Pedal effort transmitted through spring

274. Which sensor measures the actual body temperature of passengers?

- A) Infrared sensor
- B) Interior temperature sensor
- C) Smog sensor
- D) Sun load sensor

Answer: A) Infrared sensor

275. What is the recommended valve of combined angle in the steering system?

- A) 5 - 8 Degree
- B) 12 - 15 Degree
- C) 15 - 18 Degree
- D) 9 - 10 Degree

Answer: D) 9 - 10 Degree

276. What is the purpose of dome light circuit?

- A) Panel board gauges indication
- B) Provide enough visibility to driver
- C) Interior illumination
- D) Used for parking vehicle on road

Answer: C) Interior illumination

277. Which type of independent suspension system simple in construction and allow more deflection of the front wheel without effect on the steering?

- A) Torsion bar suspension
- B) Conventional suspension
- C) Coil spring suspension
- D) Strut type suspension

Answer: D) Strut type suspension

278. What is the advantage of TCS/ELSD brake circuit of wheel?

- A) Reduce the pressure at wheel cylinder
- B) Avoid wheel lockup by releasing pressure
- C) Automatic adjustment of engine torque to the grip rates
- D) Reduce fluid pressure rates

Answer: C) Automatic adjustment of engine torque to the grip rates

279. Which factor affecting suspension?

- A) More shocks, uncomfortable riding
- B) Wornout spring
- C) Abnormal tyre wear
- D) Damaged chassis frame

Answer: B) Wornout spring

280. Which is the most commonly used wiper in all motor vehicles?

- A) Electrically operated wipers
- B) Compressed air operated wipers
- C) Vacuum operated wipers
- D) Hydraulically operated wipers

Answer: A) Electrically operated wipers

281. 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

282. What is the function of thermo time switch in engine control module?

- A) Sense exhaust gas temperature
- B) Sense engine coolant temperature
- C) Indicate fuel temperature
- D) Indicate lubricant temperature

Answer: B) Sense engine coolant temperature

283. What is the reason of steering wheel play excess?

- A) Drop in pressure
- B) Wornout sealing rings
- C) Low oil level
- D) Improper pre load defective steering

Answer: D) Improper pre load defective steering

284. Which device used to prevent damage to the battery and other electrical accessories?

- A) Distributor assembly
- B) Voltage regulator
- C) Alternator
- D) Current regulator

Answer: B) Voltage regulator

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

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

Answer: A) Multiple - leaf spring

286. What will effect in case of over inflated tyres?

- A) Tyre will crack at centre
- B) Tyre will wear out at edges
- C) Tyre will crack at edges
- D) Tyre will wearout at centre

Answer: D) Tyre will wearout at centre

287. What is the precautionary measures to be adapted while removing secondary piston to prevent damage

- A) Remove the stopper bolt before
- B) Remove the circlip before
- C) Remove the retaining spring before
- D) Remove the return spring before

Answer: A) Remove the stopper bolt before

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

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

Answer: B) Between frame and vehicle axle

289. Which advantage does not suit to wheel alignment?

- A) Achieve easy torque transmission
- B) Minimise tyre wear
- C) Reduce driver effort
- D) Achieve self centering after turning

Answer: A) Achieve easy torque transmission

290. What is the purpose of alternator?

- A) Produce constant electric supply at high RPM
- B) Produce more electricity at low RPM
- C) Produce more electricity at high RPM
- D) Produce variable electric supply at high RPM

Answer: B) Produce more electricity at low RPM

291. What is the function of magnetic clutch in air conditioning system?

- A) Absorbs moisture in the system
- B) Control the refrigerant flow to evaporator
- C) Connect and disconnect drive to compressor
- D) Cool the hot refrigerant

Answer: C) Connect and disconnect drive to compressor

292. What is the colour of front indicator lamps?

- A) Green
- B) Red
- C) White
- D) Orange

Answer: D) Orange

293. What is the average power steering gear ratio followed in general?

- A) 20% less than manual steering
- B) 10% more than manual steering
- C) Equal to manual steering
- D) 40% less than manual steering

Answer: A) 20% less than manual steering

294. What is the reason of gear locked in one gear position?

- A) Synchronizing unit stuck
- B) In adequate lubrication
- C) Gear teeth wornout
- D) Synchronizer wornout

Answer: A) Synchronizing unit stuck

295. What is the use of compact spare tyres?

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

Answer: A) Used for breakdown

296. How the tyre is specified?

- A) Shoulder width, Tyre thickness
- B) Shoulder dia, Bead circle dia, Ply rating
- C) Shoulder width, Boad circle dia. Ply rating
- D) Ply rating, tyre inner circle dia, shoulder width

Answer: C) Shoulder width, Boad circle dia. Ply rating

297. What causes no charge when engine is running?

- A) Drive belt loose
- B) Sticky regulator
- C) Shorted rectifier
- D) Brushes not seating properly

Answer: A) Drive belt loose

298. What is to be checked for low power generation of engine?

- A) Battery condition
- B) Water level
- C) Clogged air cleaner
- D) Clogged oil filter

Answer: C) Clogged air cleaner

299. What is the advantage of electronic power steering?

- A) Compact in size
- B) Energy being consumed only while steering
- C) Less occupation of space
- D) Number of components are less

Answer: B) Energy being consumed only while steering

300. What is the range of steering ratio available in general?

- A) 11 : 2 to 22 : 2
- B) 11 : 1 to 24 : 1
- C) 10 : 1 to 18 : 1
- D) 8 : 2 to 22 : 2

Answer: B) 11 : 1 to 24 : 1

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

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

Answer: B) Thread radius

302. Where the tyre pressure sensor secured in the wheel assembly?

- A) Secured in the tyre outer edges
- B) Bolted to metal valve
- C) Secured in the wheel hub
- D) Bolted to the rim centre

Answer: B) Bolted to metal valve

303. What is the working principle of clutch?

- A) Friction
- B) Screw and Nut
- C) Sliding
- D) Centripetal

Answer: A) Friction

304. What causes the defect of 'Hard steering' in the hydraulic power steering system?

- A) Band axle beam
- B) Tie rod loose fitting

- C) Improper position of drop arm
D) Improper size of tyre

Answer: A) Band axle beam

305. Which device in the air suspension system observe vibration of low amplitude and high frequency?

- A) Suspension spring
B) Air bags in the system
C) Leaf spring
D) Shock absorber

Answer: D) Shock absorber

306. Which electronic control system supplies optimum airfuel mixture to the combustion chamber under different driving condition?

- A) Oil pump control system
B) Idle speed control system
C) Ignition control system
D) Fuel injection control system

Answer: D) Fuel injection control system

307. What is the gas filled in the sealed beam head lights?

- A) Nitrogen gas
B) Hydrogen gas
C) Argon gas
D) Oxygen gas

Answer: C) Argon gas

308. What is the purpose of breaker plate in the distributor?

- A) Acts as contact breaker
B) Conduct the ignition surge to the electrode
C) Prevents dirt, carbon into distributor
D) Distribute high tension surge to ignition coil

Answer: C) Prevents dirt, carbon into distributor

309. What is the expansion of LED?

- A) Long electrical diodes
B) Light electronic diodes
C) Light emitting diodes
D) Limited electrical data

Answer: C) Light emitting diodes

310. Which way the steering system increase the tire life?

- A) By maintaining proper angle between tyres
B) Providing proper brake adjustment
C) Providing adequate lubrication
D) By applying grease on the steering controls

Answer: A) By maintaining proper angle between tyres

311. What does the no: 14PR denotes in the tyre specification 9? x 14 - 14PR?

- A) Ply rating
B) Shoulder width
C) Tyre thickness
D) Bead circle dia

Answer: A) Ply rating

312. How many spark plugs are ignited at the same time in the distributor less ignition system?

- A) Four
B) Two
C) Three
D) Five

Answer: B) Two

313. Which is not the benefit of power steering?

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

Answer: D) Positive breaking system

314. What is the effect of weak suspension?

- A) Directional instability of vehicle
B) Carrying excessive payload of vehicle
C) Vibration damping is more effective
D) Unequal weight distribution of weight

Answer: A) Directional instability of vehicle

315. What is the permitted diffraction angle of tripod joint?

- A) 18 Degree
B) 26 Degree
C) 32 Degree
D) 13 Degree

Answer: B) 26 Degree

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

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

Answer: D) Ball joint

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

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

Answer: D) Increase the tyre life

318. What is the mechanical cause of engine does not start?

- A) Radiator cap blocked
B) Oil pump gear worn out
C) Oil filter blocked
D) Fuel tank cap vent hole blocked

Answer: D) Fuel tank cap vent hole blocked

319. Which sensor causes off the outside air inlet or other odours?

- A) Infrared sensor
B) Temperature sensor
C) Sunload sensor
D) Smog sensor

Answer: D) Smog sensor

320. Which part connects propeller shaft?

- A) Crankshaft and final drive
B) Gear box and final drive
C) Cam shaft and clutch shaft
D) Clutch shaft and fly wheel

Answer: B) Gear box and final drive

321. What is the permitted brake pedal travel in the hydraulic brake system?

- A) 6 to 12 mm B) 7 to 12 mm
C) 2 to 12 mm D) 9 to 12 mm

Answer: B) 7 to 12 mm

322. Which type of shock absorber absorbs shocks with the help of friction disc and spring?

- A) Hydraulic type B) Mechanical type
C) Pneumatic type D) Electrical type

Answer: B) Mechanical type

323. Which part of cold start system allow additional air to bypass the throttle plate?

- A) Oxygen sensor B) Thermo time switch
C) Auxiliary air valve D) Air supply relay

Answer: C) Auxiliary air valve

324. What is the contributory cause of starter motor running but not cranking?

- A) Poor contacting action of ignition B) Faulty ECM circuit
C) Abnormally worn brush D) Over running clutch slipping

Answer: D) Over running clutch slipping

325. What is the use of single red lamp of 24 watts fitted at the rear?

- A) Provide enough visibility B) Help driver to see full width of road
C) Give indication the traffic behind D) Provide interior illumination

Answer: B) Help driver to see full width of road

326. Which type of drive line used in high gears and high speed applications?

- A) All wheel drive line B) Rear wheel drive line
C) Front wheel drive line D) Center wheel drive line

Answer: A) All wheel drive line

327. What is the advantage of electronic power steering?

- A) Energy being consumed only while steering B) Compact in size
C) Number of components are less D) Less occupation of space

Answer: A) Energy being consumed only while steering

328. What is the advantage of using servo motor in air conditioning system?

- A) Suitable to prevent vibration B) High speed operation possible
C) Low cost of maintenance D) Suitable for precision control of rotation

Answer: B) High speed operation possible

329. What is the possible cause of motor not running and no operating sound of magnetic switch?

- A) Battery discharged B) Worn brushes
C) Burnt commutator D) Worn pinion tip

Answer: A) Battery discharged

330. Which device in electronic power steering converts the steering torque input and its direction in to voltage signals?

- A) Temperature sensor B) Hall effect sensor
C) Rotation sensor D) Torque sensor

Answer: D) Torque sensor

331. What is the disadvantage of rigid axle suspension system?

- A) Vibration damping is less effective B) Maintenance cost is more
C) This is a complicated arrangement D) Spring weight is less

Answer: A) Vibration damping is less effective

332. What is the advantage of using side indicator in a vehicle?

- A) Provide effective illumination B) Indicate the vehicle behind
C) Provide enough visibility D) Prevent accident while turning left and right

Answer: D) Prevent accident while turning left and right

333. 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

Answer: D) It increase steering stability

334. What is the disadvantage of excessive positive camber in the wheel alignment?

- A) Tyre centre will wearout B) Tyre outer edge will wearout fast
C) Tyre thread wear out D) Tyre bleeding wire wear out

Answer: B) Tyre outer edge will wearout fast

335. Where the ambient temperature sensor is located in the vehicle?

- A) Front axle B) Top of servo motor
C) Behind the grill D) Rear side of engine

Answer: C) Behind the grill

336. What is the purpose of 'G' sensor

- A) Reduce pressure at wheel cylinder B) Detect wheel lock up condition
C) Locking pressure inside wheel cylinder D) Measuring deceleration rate of vehicle

Answer: D) Measuring deceleration rate of vehicle

337. Why a diesel engine starts but not running idle?

- A) Low charged battery
- B) No air in fuel system
- C) Low fuel level in tank
- D) Clogged nozzle

Answer: D) Clogged nozzle

338. What is the maximum air pressure supplied by the compressor in the air suspension system?

- A) 120 to 125 PSI
- B) 180 to 210 PSI
- C) 200 to 215 PSI
- D) 100 to 115 PSI

Answer: A) 120 to 125 PSI

339. Which type of manual provide information about engine no, chassis no and engine capacity?

- A) Repair manual
- B) Shop manual
- C) Labour guide
- D) Owners manual

Answer: D) Owners manual

340. What causes noisy gear box in neutral position?

- A) Synchronizing unit stuck
- B) Bearing worn out or dry
- C) Synchronizer defective
- D) Synchronizer worn-out

Answer: B) Bearing worn out or dry

341. Which part of air conditioning system remove heat from air and transfer to the refrigerant?

- A) Receiver
- B) Evaporator
- C) Condenser
- D) Blower

Answer: B) Evaporator

342. What is the function of distributor in the battery ignition system?

- A) Opens and closes the secondary circuit of coil
- B) Distribute high tension current flow ignition coil to spark plugs
- C) Distribute low tension current to ignition coil
- D) Distribute high tension current from ignition coil to secondary winding

Answer: B) Distribute high tension current flow ignition coil to spark plugs

343. Why light weight cars use low steering ratio?

- A) To obtain no steering effect
- B) To obtain large steering effect
- C) To obtain low steering effect
- D) To obtain constant steering effect

Answer: B) To obtain large steering effect

344. What is the advantage of using constant mesh gear box?

- A) Quick change of gear obtained
- B) Efficient lubrication possible

C) Smooth power transmission

D) Wrong adjustment of gear will not affect the function

Answer: C) Smooth power transmission

345. Why horn produces low improper sound?

- A) Cracked diaphragm
- B) Fuse blown off
- C) Open field coil winding
- D) Relay points stuck up

Answer: A) Cracked diaphragm

346. Which lighting circuit provided with dip and dim switch?

- A) Head light circuit
- B) Parking light circuit
- C) Fog light circuit
- D) Panel light circuit

Answer: A) Head light circuit

347. Which act regulate the payment of wages to certain class of persons?

- A) Minimum wages act 1948
- B) Payment of wages act 1936
- C) Equal remuneration act 1976
- D) Trade union act 1926

Answer: B) Payment of wages act 1936

348. How the EBD (Electronic Brake Force Distribution) failure indicated to the driver?

- A) Peep sound in the cabin
- B) Indication lamp the dash board
- C) Flickering the tail lamp
- D) Glowing the parking lamp

Answer: D) Glowing the parking lamp

349. What is the function of ignition coil?

- A) Disconnect the secondary circuit to
- B) Step up low voltage to high voltage
- C) Connect the primary circuit to ignition switch
- D) Step down high voltage to low voltage

Answer: B) Step up low voltage to high voltage

350. Which sensor used for safer parking of vehicle?

- A) Infrared sensor
- B) Crash sensor
- C) Air bag sensor
- D) Proximity sensor

Answer: D) Proximity sensor

351. How to rectify the defect of noise in hydraulic steering?

- A) Adjust the torsion bar linkage
- B) Fill fluid to correct level and bleed the system
- C) Replace the with new fluid
- D) Replace the flow control valve

Answer: B) Fill fluid to correct level and bleed the system

352. What does the no: 14PR denotes in the tyre specification 9? x 14 - 14PR?

- A) Ply rating
- B) Tyre thickness

- C) Shoulder width D) Bead circle dia

Answer: A) Ply rating

353. Which part of integral power steering reduce fluid pressure?

- A) Unloading valve B) Torsion bar
C) Flow control valve D) Rotary valve

Answer: A) Unloading valve

354. Which part of dual mass fly wheel isolate the fly wheel mass system of the engine?

- A) Cam shaft B) Crank shaft
C) Vibration damper D) Gear box

Answer: C) Vibration damper

355. Which type of synchromesh gear box will produce torque more than three times of other types?

- A) Baulk ring type B) Porche type
C) Multi and Double cone D) Baulk type

Answer: C) Multi and Double cone

356. Why the alternate spokes are screwed to slope forward and backward towards the rim in the wire wheel?

- A) To observe braking and driving torque B) To provide cushioning effect
C) To take the uneven load D) To distribute the load evenly

Answer: A) To observe braking and driving torque

357. Which wire of servo motor connected to power supply?

- A) White B) Red
C) Yellow D) Black

Answer: B) Red

358. What is the advantage of using run flat tyres?

- A) Resist vibration B) Less cost and maintenance
C) Eliminate need for spare tyre and jack D) Provide equal distribution of load

Answer: C) Eliminate need for spare tyre and jack

359. What does the first unit identify in the scan tool letter code?

- A) Manufacturer unique number B) Trouble code reference system
C) Specific failure D) Type of error

Answer: D) Type of error

360. Which type of manual give details about sequence of operation of the vehicle?

- A) Shop manual B) Owners manual
C) Labour guide D) Repair manual

Answer: D) Repair manual

361. Which type of gear box eliminates the defect of gear wheels move on the shaft to mesh with each other?

- A) Constant mesh gear box B) Synchromesh gear box
C) Compound wheel mesh gear box D) Sliding mesh gear box

Answer: B) Synchromesh gear box

362. Which system provided between axles and chassis frame?

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

Answer: A) Suspension system

363. Which is the cause for high oil consumption?

- A) Oil viscosity high B) Low oil level
C) Oil filter clogged D) Worn-out valve guides

Answer: D) Worn-out valve guides

364. Which type of horn consist electrically driven air pump forces air through plastic trumpet?

- A) Electric horn B) Air horn
C) Wind horn D) Wind horn

Answer: C) Wind horn

365. What is the name of distance between most protruding portions on both sides of tyre?

- A) Thread radius B) Tyre outer diameter
C) Tyre width D) Tyre height

Answer: C) Tyre width

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

- A) Over inflated tyre B) Defective suspension system
C) Under inflated tyre D) Unequal load distribution

Answer: C) Under inflated tyre

367. Which device acts as an evaporator temperature sensing switch?

- A) Blower switch B) Heater switch
C) Thermostatic switch D) Defroster switch

Answer: C) Thermostatic switch