

Duration: 90 Mins**Total Marks: 150****Q.ID: ITISKILL8630V3**

1. What is the process of driving exhaust gases in two stroke engine out of cylinder?

- A) Super charging B) Intaking
C) Scavenging D) Combustion

Answer: C) Scavenging

2. Which comes under first aid?

- A) Completing a primary source B) Assessing a victim's vital signs
C) Immediate care and support given to injured person D) Treating a victim for a shock

Answer: C) Immediate care and support given to injured person

3. What is the formula for Frictional horse power (FHP)?

- A) BHP / IHP B) IHP / BHP
C) IHP + BHP D) IHP - BHP

Answer: D) IHP - BHP

4. Where the metal fins are provided in the air cooled engine?

- A) Cylinder and head B) Exhaust pipe
C) Intake manifold D) Valve door

Answer: A) Cylinder and head

5. Which is the starting system used in heavy vehicles?

- A) Hand cranking B) Compressed air cranking
C) Gasoline engine cranking D) Electric motor cranking

Answer: D) Electric motor cranking

6. Which is the key element in converting reciprocating motion in to rotary motion?

- A) Cam shaft B) Gudgeon pin
C) King pin D) Connecting rod

Answer: D) Connecting rod

7. When it is required to coincide the mark with timing gears?

- A) During assembling oil pump B) During assembling water pump
C) During assembling cam shaft D) During assembling radiator

Answer: C) During assembling cam shaft

8. Which part is used to pump the water in water pump?

- A) Impeller B) Shaft
C) Pulley D) Bearing

Answer: A) Impeller

9. Which type of brake used in heavy vehicle parking?

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

Answer: D) Mechanical

10. Which part helps to increase the water boiling point in water cooling system?

- A) Radiator cap B) Radiator core tubes
C) Radiator fins D) Radiator hose

Answer: A) Radiator cap

11. What is indicated horse power?

- A) Power developed in the cylinder B) Power developed in the wheel
C) Power developed in the flywheel D) Power developed in the propeller shaft

Answer: A) Power developed in the cylinder

12. What is the effect if the radiator cores are clogged?

- A) Free coolant flow B) Stop coolant flow
C) Slow coolant flow D) Increase coolant flow

Answer: B) Stop coolant flow

13. What is the reason for corrosion of bearing?

- A) Over heated B) Over loaded
C) Less clearance D) Water mixed with lubricant

Answer: D) Water mixed with lubricant

14. Which part of the human body need to protect in high noise level at work place?

- A) Ear B) Eye
C) Nose D) Head

Answer: A) Ear

15. What is the property of a bearing helps to with stand metal to metal contact?

- A) Embeddability B) Thermal conductivity
C) Surface action D) Fatigue strength

Answer: C) Surface action

16. What is the working cycle of compression ignition engine?

- A) Otto cycle
- B) Diesel cycle
- C) Rankin cycle
- D) Sterling cycle

Answer: B) Diesel cycle

17. What is the purpose of needle valve in carburetor?

- A) Decrease the fuel pressure
- B) Always holds correct level of fuel
- C) Controls the air flow of the engine
- D) Excess supply of fuel at idle

Answer: B) Always holds correct level of fuel

18. Which is the bearing used in water pump?

- A) Needle bearing
- B) Ball bearing
- C) Roller bearing
- D) Taper roller bearing

Answer: B) Ball bearing

19. How many national automotive testing and R&D infrastructure projects (NATRIP) are established in India?

- A) 6
- B) 5
- C) 4
- D) 7

Answer: D) 7

20. What is the property allows a bearing to with stand impact load for a reasonable time?

- A) Toughness
- B) Hardness
- C) Tensile strength
- D) Fatigue strength

Answer: D) Fatigue strength

21. How oil deliver from the crank shaft main bearings to connecting rod bearings?

- A) Through crank pulley
- B) Through sprocket
- C) Through drilled oil passages
- D) Through vibration damper

Answer: C) Through drilled oil passages

22. What is the type of hardening done on crank shaft?

- A) Case hardening
- B) Surface hardening
- C) Curve hardening
- D) Induction hardening

Answer: D) Induction hardening

23. How many crank shaft rotation required to open exhaust valve one time in four stoke engine?

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

Answer: C) Two

24. Which year Hindustan motor established ambassador car industry in India?

- A) 1900
- B) 1900

- C) 1940
- D) 1980

Answer: D) 1980

25. How many times, ports are open in two rotation of crank shaft in two stroke engine?

- A) Three times
- B) One time
- C) Four times
- D) Two times

Answer: D) Two times

26. Which part drives the oil pump?

- A) Crank Shaft
- B) Crank pulley
- C) Cam Shaft
- D) Timing gears

Answer: C) Cam Shaft

27. Which is the cause for lifting equipment failure?

- A) Check oil level
- B) Under load
- C) Oil seal leak
- D) Oil change

Answer: C) Oil seal leak

28. How many crank shaft rotations required to get one power in four stroke single cylinder diesel engine?

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

Answer: A) Two

29. When the valve clearance to be adjusted?

- A) Fully closed
- B) Partially closed
- C) Fully opened
- D) Just opened

Answer: D) Just opened

30. What is the material used to produce crank shaft?

- A) Cast iron
- B) High speed steel
- C) Chromium vanadium nickel steel
- D) Wrought iron

Answer: C) Chromium vanadium nickel steel

31. Where the fly wheel is fitted in the engine?

- A) Primary shaft
- B) Crank shaft
- C) Rocker arm shaft
- D) Cam shaft

Answer: B) Crank shaft

32. Which type of energy conservation opportunity involves stopping of water leakage points?

- A) Medium energy conservation opportunities
- B) Extra major energy conservation
- C) Major energy conservation opportunities
- D) Minor energy conservation opportunities

Answer: D) Minor energy conservation opportunities

33. Which is the load taken by the roller bearing?

- A) Thrust load
- B) Radial and axial load

- C) Axial load D) Radial load

Answer: D) Radial load

34. How the amount of work done in a specification is called?

- A) Power B) Stroke length
C) Torque D) Cycle

Answer: A) Power

35. What is ovality of a bore?

- A) Difference in dia thrust to non thrust side of cylinder
B) Difference in dia measured only at top
C) Difference in dia measured only at bottom
D) Difference in dia measured top to bottom

Answer: A) Difference in dia thrust to non thrust side of cylinder

36. Which area is restricted to smoking?

- A) Gram market area B) Corporation limit area
C) Water filling area D) Fuel refilling area

Answer: D) Fuel refilling area

37. Which mixture is used in radiator reverse flushing cleaning?

- A) Flushing water with soap oil
B) Flushing water with engine oil
C) Flushing water with air (gun) pressure
D) Flushing water with coolant oil

Answer: C) Flushing water with air (gun) pressure

38. Which of the following fuel quality determines fuel to flow?

- A) Cetane number B) Viscosity
C) Volatility D) Octane number

Answer: B) Viscosity

39. Where is the compression ring is fitted in the piston?

- A) Compression ring between oil ring and piston pin
B) Compression ring between piston pin and bottom of skirt
C) Compression ring above the oil ring in the piston
D) Compression ring bottom of the piston skirt

Answer: C) Compression ring above the oil ring in the piston

40. What is the name the portion below the piston boss?

- A) Ring section of the piston B) Crown of the piston
C) Skirt of the piston D) Land of the piston

Answer: C) Skirt of the piston

41. Which engine has more length?

- A) Opposed engine B) 'V' engine
C) Inline engine D) Radial engine

Answer: A) Opposed engine

42. Which one is the properties of lubricant

- A) Oil viscosity should not be same in hot and cold condition
B) Oil viscosity should be suit the operating conditions
C) Boiling temperature should be low
D) Should develop foam

Answer: B) Oil viscosity should be suit the operating conditions

43. What is the purpose of water pump in cooling system?

- A) Flushing out the cooling system
B) Increase the water temperature
C) Force the water circulation
D) Reduce the water pressure

Answer: C) Force the water circulation

44. What is the main purpose of the lubricant?

- A) Minimise the friction B) Increase the noise
C) Increase the friction D) Increase the wearness

Answer: A) Minimise the friction

45. Where the emulsion tube is provided in solex carburetor?

- A) Cold starter B) Choke
C) Main jet D) Idle jet

Answer: C) Main jet

46. Which is the major energy conservation opportunity?

- A) Laps in housekeeping
B) Replacement of house hold appliance
C) Stopping of leakage
D) Replacement machinerries

Answer: D) Replacement machinerries

47. How the AC mechanical pump's fuel delivery pressure is determined?

- A) Spring pressure on diaphragm
B) Maximum deflection of diaphragm
C) Size of the pumping chamber
D) Maximum stroke of diaphragm

Answer: D) Maximum stroke of diaphragm

48. What is the purpose of the timing chain?

- A) To connect alternator
B) To connect crank or cam shaft gear
C) To connect water pump pulley
D) To connect A/C compressor

Answer: B) To connect crank or cam shaft gear

49. How can identify a four stroke engine?

- A) Valves B) Ports
C) Cavities D) Passages

Answer: A) Valves

50. Which type of fire extinguisher suitable for class 'A' fire?

- A) Dry powder B) Carbon-di-oxide
C) Foam or water D) Halon

Answer: C) Foam or water

51. What is the speed ratio cam shaft to crank shaft?

- A) Triple B) Half
C) Double D) Equal

Answer: B) Half

52. What is the material of cylinder block?

- A) Brass B) Bronze
C) Cast iron D) Zinc alloy

Answer: C) Cast iron

53. Which equipment is to support under lifting vehicle before working underneath the vehicle for safe work?

- A) Lifting crane B) Hydraulic jack
C) Slings chain D) Stand

Answer: D) Stand

54. Which type of fuel contains more carbon monoxide?

- A) Solid fuel B) Liquid fuel
C) Unburnt fuel D) Burnt fuel

Answer: C) Unburnt fuel

55. Which of the following fuel quality determines burning property of petrol?

- A) Volatility B) Cetane number
C) Octane number D) Viscosity

Answer: C) Octane number

56. When the thermostat valve open in engine?

- A) Freezing temperature of engine B) High temperature of engine
C) Operating temperature of engine D) Low temperature of engine

Answer: C) Operating temperature of engine

57. What is the effect of taper and ovality of a bore?

- A) Miss firing B) Compression loss
C) Difficult starting D) False valve timing

Answer: B) Compression loss

58. Which digit indicate the engine type in 17 digit of win number?

- A) 3 digit B) 8 digit
C) 2 digit D) 5 digit

Answer: B) 8 digit

59. What is the material for cam shaft?

- A) Forged alloy steel B) Copper alloy

- C) Aluminium alloy D) Zinc alloy

Answer: A) Forged alloy steel

60. Which system the gear type oil pump is used?

- A) Cooling system B) Lubrication system
C) Fuel system D) Air conditioning system

Answer: B) Lubrication system

61. When did first car rolled in the street of Calcutta?

- A) 1910 B) 1887
C) 1810 D) 1950

Answer: B) 1887

62. Which is the engine called as constant volume cycle?

- A) Steam engine B) Turbine engine
C) S.I engine D) C.I engine

Answer: C) S.I engine

63. What is brake horse power?

- A) Power available at the gear box B) Power available at fly wheel
C) Power available at the wheels D) Power available at the cylinder

Answer: B) Power available at fly wheel

64. What is your immediate action on completion of first aid?

- A) Call emergency service B) Call taxi
C) Call your friend D) Call fire service

Answer: A) Call emergency service

65. Which tool is required to remove the valves?

- A) Box spanner B) Scraper
C) Torque wrench D) Valve spring lifter

Answer: D) Valve spring lifter

66. Which measuring instrument used to check the fly wheel face out?

- A) Feeler gauge B) Outside micrometer
C) Dial indicator D) Compression gauge

Answer: C) Dial indicator

67. Which is the most preferred use of taper roller bearings?

- A) Fly wheel and water pump B) Differential and wheel hub
C) Gear boxes D) Connecting rods

Answer: B) Differential and wheel hub

68. Which service equipment is used to lift a car?

- A) Arbor press B) Hydraulic valve
C) Hydraulic hoist D) Hydraulic press

Answer: C) Hydraulic hoist

69. What is the angle of throw for 4 cylinder engine?

- A) 60 Degree
- B) 90 Degree
- C) 180 Degree
- D) 120 Degree

Answer: C) 180 Degree

70. Which tool is used to measure the diameter of the crank shaft main journal?

- A) Master ring gauge
- B) Outside micrometer
- C) Three point internal micrometer
- D) Inside micrometer

Answer: B) Outside micrometer

71. Which is the most preferred use of bush bearings?

- A) Crank shaft
- B) Connecting rods
- C) Oil pumps
- D) Fly wheel

Answer: D) Fly wheel

72. How many valves are used in radiator cap?

- A) Three valves
- B) One valve
- C) Two valves
- D) Four valves

Answer: C) Two valves

73. Which types of cooling system the rate of cooling is very low?

- A) Air cooling system
- B) Thermo siphon system
- C) Forced feed system
- D) Pump circulation system

Answer: B) Thermo siphon system

74. Which device is best for control toxic waste?

- A) Cotton waste
- B) Vacuum cleaner
- C) Wire brush
- D) Air compressor

Answer: B) Vacuum cleaner

75. How many flywheel rotation requires to complete one cycle in two stroke engine?

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

Answer: D) One

76. What is the effect if thermostat valve is struck?

- A) Engine does not stop
- B) Engine gets over cooling
- C) Engine does not start
- D) Engine gets over heating

Answer: D) Engine gets over heating

77. Why suction tube in the tank is raised above?

- A) To avoid suction of water in fuel
- B) To act atmospheric pressure
- C) To enter air
- D) To enter condensed water

Answer: A) To avoid suction of water in fuel

78. What is the purpose of a radiator pressure cap?

- A) Maintain the water temperature
- B) Retain the atmospheric pressure
- C) Retain the vacuum pressure
- D) Release the excess pressure

Answer: D) Release the excess pressure

79. Which type of pump is used in water cooling system?

- A) Gear pump
- B) Reciprocating pump
- C) Centrifugal pump
- D) Diaphragm pump

Answer: C) Centrifugal pump

80. Which is the most preferred use of roller bearings?

- A) Differential
- B) Gear boxes
- C) Connecting rods
- D) Fly wheel

Answer: B) Gear boxes

81. Which lubrication system is used separate oil tank?

- A) Wet sump lubrication
- B) Petrol - oil lubrication
- C) Dry sump lubrication
- D) Splash lubrication

Answer: C) Dry sump lubrication

82. A cycle consisting of one constant pressure, one constant volume and two isentropic processes is known as

- A) Isothermal
- B) Constant volume
- C) Diesel Cycle
- D) Constant pressure

Answer: C) Diesel Cycle

83. How the set of operations performed in sequence of motion of the piston in an engine produce power is called?

- A) Cycle
- B) Efficiency
- C) Stroke
- D) Stroke

Answer: A) Cycle

84. Which engine is used the Petrol oil lubrication system?

- A) Steam engine
- B) Two stroke engine
- C) Battery car
- D) Four stroke engine

Answer: B) Two stroke engine

85. What is the volume of the space above the piston at TDC?

- A) Clearance volume
- B) Displace volume
- C) Total volume
- D) Swept volume

Answer: A) Clearance volume

86. Which part is connect the piston with crank pin?

- A) Crank Shaft
- B) Push rod
- C) Connecting rod
- D) Cam Shaft

Answer: C) Connecting rod

87. Which device is vaporizing of fuel and mixing it with air in petrol engine?

- A) Carburetor
- B) Tank

- C) AC fuel pump D) Fuel filter

Answer: A) Carburetor

88. Which part connect the piston with connecting rod?

- A) Crank pin B) Piston pin
C) Spilt pin D) Cotter pin

Answer: B) Piston pin

89. Which of the following fuel quality determines to evaporate?

- A) Volatility B) Viscosity
C) Cetane number D) Octane number

Answer: A) Volatility

90. Which is the engine having cylinders in 180 Degree?

- A) Inline engine B) Radial engine
C) V- engine D) Opposed engine

Answer: D) Opposed engine

91. What is the procedure to be carried out if an electric shock victim unable to release his grip from the conductor?

- A) Make sure the power is turned off B) Place the victim on one side with head down
C) Cover all burns with a dry loose dressing D) Ask a by stander to help you to move the

Answer: A) Make sure the power is turned off

92. What is ovality of a crank shaft?

- A) Difference in dia measured only at top B) Difference in dia measured from top to bottom of a crank shaft outer dia
C) Difference in dia measured thrust to non thrust across dia D) Difference in dia measured only at bottom

Answer: C) Difference in dia measured thrust to non thrust across dia

93. When it is required to change the water pump bearing?

- A) Fan belt loose B) Bearing noisy
C) Low water pressure D) Water leakage

Answer: B) Bearing noisy

94. What is the type of fire with wood, cloth, and paper?

- A) Class - A B) Class - B
C) Class - D D) Class - C

Answer: A) Class - A

95. Which association of india is playing crucial role in less pollution?

- A) AASI (Automobile Association if South India) B) ARAI (Automotive research association of India)

- C) AIA (Automotive industry Association) D) AAI (Automobile Association of India)

Answer: B) ARAI (Automotive research association of India)

96. Which type of lubrication system is used in two stroke engine?

- A) Dry sump lubrication B) Petrol-oil lubrication
C) Wet sump lubrication D) Splash lubrication

Answer: B) Petrol-oil lubrication

97. What is the purpose of accelerating pump circuit?

- A) Provides mixture for low speed B) Provides extra fuel during pick up speed
C) Provides mixture for idle speed D) Provides an economic mixture

Answer: B) Provides extra fuel during pick up speed

98. Which engine has fuel injection pump?

- A) Petrol engine B) Diesel engine
C) MPFI engine D) CRDI engine

Answer: B) Diesel engine

99. What is the type of mechanical hazards in workshop?

- A) Current leakage B) Un guarded machinery
C) Wrong layout of machinery D) Sickness

Answer: B) Un guarded machinery

100. Which type of workshop equipment used to deliver the air pressure to hydraulic hoist?

- A) Jib crane B) Hydraulic pump
C) Vacuum pump D) Compressor

Answer: D) Compressor

101. Which is connected with pison through piston pin?

- A) Gudgeon pin B) Connecting rod
C) Cam shaft D) Rocker arm

Answer: B) Connecting rod

102. What is the purpose of the fly wheel timing mark?

- A) To coincide the gears B) To set the F.I.P timing
C) To set the engine timing D) To set the valve clearance

Answer: C) To set the engine timing

103. How the water pump get drive in pump circulation cooling system?

- A) By chain B) By gear
C) By belt D) By coupling

Answer: C) By belt

104. Which instrument is used to check the vacuum of the

cylinder?

- A) Wire gauge
- B) Dial gauge
- C) Compression gauge
- D) Vacuum gauge

Answer: D) Vacuum gauge

105. Which equipment used for quick inspection under chassis of a car?

- A) Two post hoist
- B) Screw jack
- C) Trolley jack
- D) Stand

Answer: C) Trolley jack

106. Which of the following fuel quality determines burning property of diesel?

- A) Cetane number
- B) Viscosity
- C) Volatility
- D) Octane number

Answer: A) Cetane number

107. What is the load taken by taper roller bearing?

- A) Thrust load
- B) Radial and axial load
- C) Radial load
- D) Axial and radial load

Answer: D) Axial and radial load

108. Which is transferring energy for the piston to crankshaft?

- A) King pin
- B) Connecting rod
- C) Cam shaft
- D) Gudgeon pin

Answer: B) Connecting rod

109. Which tool used to remove the crank shaft pulley?

- A) Pipe wrench
- B) Double and spanner
- C) Puller
- D) Ring spanner

Answer: C) Puller

110. What is the purpose of throttle valve in the carburetor?

- A) Always holds correct fuel
- B) Excess supply of fuel at idle
- C) Filter the fuel
- D) Controls air fuel mixture into the engine

Answer: D) Controls air fuel mixture into the engine

111. What is the cause for uneven wear of bearings?

- A) Bend twist
- B) Over heat
- C) Excessive lubrication
- D) No lubrication

Answer: A) Bend twist

112. Which part is lubricated by splash lubrication system?

- A) Timing gears
- B) Main journal
- C) Crank pin
- D) Cylinder wall

Answer: D) Cylinder wall

113. Which tool is used to remove the piston ring?

- A) 'C' clamp
- B) Circlip plier
- C) Ring expander
- D) Drift punch

Answer: C) Ring expander

114. What is the compression ratio of an engine, its clearance volume is 10 c.c and swept volume is 90 c.c?

- A) 11:01
- B) 09:01
- C) 10:01
- D) 08:01

Answer: C) 10:01

115. What is the class of gas burning fire?

- A) Class - D
- B) Class - C
- C) Class - A
- D) Class - B

Answer: B) Class - C

116. Which type of material toxic may cause for lung cancer?

- A) Graphite
- B) Asbestos
- C) Fiber
- D) Wood

Answer: B) Asbestos

117. Which causes the air enter into cylinder?

- A) Air filtering
- B) Carburettor air-horn pressure
- C) AC fuel pump pressure
- D) Engine vacuum

Answer: D) Engine vacuum

118. What is the purpose of valve in AC fuel pump?

- A) Creating pressure
- B) Allow the fuel to suck and deliver
- C) Creating suction
- D) Supply correct quantity of fuel

Answer: B) Allow the fuel to suck and deliver

119. What is the purpose of the radiator in the cooling system?

- A) Cool the water pump
- B) Cool the hot oil
- C) Cool the hot air
- D) Cool the hot water

Answer: D) Cool the hot water

120. Which instrument is used to check the tappet clearance?

- A) Screw pitch gauge
- B) Wire gauge
- C) Feeler gauge
- D) Telescopic gauge

Answer: C) Feeler gauge

121. What is the mechanical efficiency of an engine?

- A) $(\text{BHP}/\text{IHP}) \times 100$
- B) $(\text{BHP}/\text{FHP}) \times 100$
- C) $(\text{IHP}/\text{BHP}) \times 100$
- D) $(\text{FHP}/\text{BHP}) \times 100$

Answer: A) $(\text{BHP}/\text{IHP}) \times 100$

122. What is the cause of excessive loading?

- A) Fatigue failure
- B) Bearing crush

- C) Bearing struck D) Bearing spread

Answer: A) Fatigue failure

123. Which oil is used in cooling system?

- A) Hydraulic oil B) Mineral oil
C) Coolant oil D) Lubricant oil

Answer: C) Coolant oil

124. Which engine has carburetor?

- A) Petrol B) Diesel
C) Kerosene D) Mineral oil

Answer: A) Petrol

125. Where is the air fuel mixture compressed in the two stroke petrol engine?

- A) Combustion chamber B) Exhaust port
C) Intake port D) Transfer port

Answer: A) Combustion chamber

126. A cycle consisting of one constant pressure, one constant volume and two isentropic processes is known as

- A) Diesel Cycle B) Constant pressure
C) Isothermal D) Constant volume

Answer: A) Diesel Cycle

127. Where heat dissipation take place in cooling system?

- A) Radiator B) Water pump
C) Fan D) Water jackets

Answer: A) Radiator

128. What is the cause of water leakage in water pump?

- A) Worn out impeller B) Worn out seal
C) Worn out bearing D) Worn out shaft

Answer: B) Worn out seal

129. Which fire extinguisher suitable for class 'C' fire?

- A) Dry powder fire extinguisher B) Carbon-di-oxide fire extinguisher
C) Water filled extinguisher D) Foam filled extinguisher

Answer: A) Dry powder fire extinguisher

130. Which part allows to flow water from upper tank to lower tank of the radiator?

- A) Fins B) Bottom hole
C) Water pump D) Core tubes

Answer: D) Core tubes

131. How the ports are opened and closed in two stroke engine?

- A) Movement of piston B) Movement of Rocker arm

- C) Movement piston pin D) Movement of valve

Answer: A) Movement of piston

132. Which is used to determine the stroke of an engine?

- A) Throw B) Cycle
C) Length of connecting rod D) Dia of piston

Answer: A) Throw

133. What is the purpose of the dip stick used in the engine?

- A) To check oil pressure B) To check oil temperature
C) To check oil level D) To check oil density

Answer: C) To check oil level

134. Which is the power developed in an engine?

- A) BHP B) RHP
C) IHP D) IHP

Answer: C) IHP

135. Which gauge used to measure the cylinder bore weariness?

- A) Vacuum gauge B) Compression gauge
C) Depth gauge D) Dial gauge

Answer: D) Dial gauge

136. Which is the bearing used in differential and wheel of a heavy vehicles?

- A) Ball bearing B) Needle bearing
C) Roller bearing D) Taper roller bearing

Answer: D) Taper roller bearing

137. What is the property of bearing helps to absorb dirt and metal particles?

- A) Surface action B) Conformability
C) Embedability D) Thermal conductivity

Answer: C) Embedability

138. Which type of fire extinguisher unsuitable for electric fire?

- A) CO₂ B) CTC
C) Foam D) Dry powder

Answer: C) Foam

139. Which ministry of India regulate the motor vehicle activity?

- A) Minister of road transport and highways B) Minister of finance
C) Minister of rural and development D) Minister of defence

Answer: A) Minister of road transport and highways

140. What is the material of piston pins?

- A) Nickel chromium steel B) Cast iron
C) HSS D) Bronze

Answer: A) Nickel chromium steel

141. Which is the compression pressure of C.I engine?

- A) 290 to 390 psi B) 400 to 550 psi
C) 180 to 280 psi D) 90 to 160 psi

Answer: B) 400 to 550 psi

142. What is the reason pump does not suck the oil?

- A) Relief valve struck B) More backlash
C) Filter clogged D) Less radial clearance

Answer: B) More backlash

143. What is the purpose of metal fins in air cooling system?

- A) Supply the heat B) Increase the heat
C) Reduce the heat D) Maintain the heat

Answer: C) Reduce the heat

144. Which part of body, if bleeding profusely is considered serious and need professional attention?

- A) Leg B) Buttock
C) Wrist D) Knee

Answer: C) Wrist

145. Which is the bearing used in gear boxes?

- A) Needle bearing B) Ball bearing
C) Taper roller bearing D) Roller bearing

Answer: B) Ball bearing

146. How can identify a two stroke engine?

- A) Passages B) Ports
C) Cavities D) Valves

Answer: B) Ports

147. What is heat?

- A) Torque B) Force
C) Velocity D) Energy

Answer: D) Energy

148. What type of bearing fitted in the connecting rod big end?

- A) Ball bearing B) Shell bearing
C) Taper roller bearing D) Needle bearing

Answer: B) Shell bearing

149. What is the stroke length of the engine if its throw of the crankshaft is 40 mm?

- A) 40 mm B) 20 mm
C) 80 mm D) 60 mm

Answer: C) 80 mm

150. What is the specification of 6J x 15?

- A) Wheel rim size B) Engine size
C) Vehicle size D) Tyre size

Answer: A) Wheel rim size