

**Duration: 30 Mins**

**Total Marks: 31**

**ID: ITISKILL6150H7**

Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

1. Which system the gear type oil pump is used?  
 A) Fuel system                      B) Cooling system  
 C) Air conditioning system      D) Lubrication system

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2. Which oil is used in cooling system?  
 A) Mineral oil                        B) Coolant oil  
 C) Lubricant oil                      D) Hydraulic oil

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3. How many valves are used in radiator cap?  
 A) Two valves                         B) Four valves  
 C) One valve                          D) Three valves

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4. What is the purpose of the dip stick used in the engine?  
 A) To check oil temperature      B) To check oil pressure  
 C) To check oil level                D) To check oil density

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5. Which one is the properties of lubricant  
 A) Boiling temperature should be low      B) Oil viscosity should be suit the operating conditions  
 C) Oil viscosity should not be same in hot and cold      D) Should develop foam condition

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6. Where heat dissipation take place in cooling system?  
 A) Radiator                            B) Fan  
 C) Water jackets                      D) Water pump

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7. 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

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8. Which part is used to pump the water in water pump?  
 A) Bearing                              B) Pulley  
 C) Impeller                              D) Shaft

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9. When the thermostat valve open in engine?  
 A) Freezing temperature of engine      B) High temperature of engine  
 C) Low temperature of engine      D) Operating temperature of engine

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10. What is the effect if the radiator cores are clogged?  
 A) Increase coolant flow            B) Stop coolant flow  
 C) Slow coolant flow                D) Free coolant flow

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11. Which part drives the oil pump?  
 A) Crank Shaft                         B) Cam Shaft  
 C) Timing gears                        D) Crank pulley

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12. Where the metal fins are provided in the air cooled engine?  
 A) Exhaust pipe                        B) Intake manifold  
 C) Cylinder and head                D) Valve door

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13. What is the main purpose of the lubricant?  
 A) Increase the noise                B) Increase the friction  
 C) Minimise the friction            D) Increase the wearness

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14. 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

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15. What is the effect if thermostat valve is struck?  
 A) Engine gets over heating      B) Engine does not stop  
 C) Engine gets over cooling        D) Engine does not start

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16. Which engine is used the Petrol oil lubrication system?  
 A) Two stroke engine                B) Steam engine  
 C) Four stroke engine                D) Battery car

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17. Which lubrication system is used separate oil tank?  
 A) Wet sump lubrication            B) Petrol - oil lubrication  
 C) Dry sump lubrication            D) Splash lubrication

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

- A) Bearing noisy
- C) Fan belt loose

- B) Low water pressure
- D) Water leakage

- C) By coupling

- D) By gear

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

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

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

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

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

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

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

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

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

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

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

- A) By chain
- B) By belt

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

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

26. Which part is lubricated by splash lubrication system?

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

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

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

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

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

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

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

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

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

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

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