

Duration: 50 Mins

Total Marks: 31

ID: ITISKILL0488IE

Student Name: _____	Roll No: _____
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1. What is the cause of water leakage in water pump?

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

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

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

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

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

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

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

5. Which oil is used in cooling system?

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

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

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

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

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

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

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

9. Which part drives the oil pump?

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

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

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

11. How many valves are used in radiator cap?

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

12. Which part is lubricated by splash lubrication system?

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

13. When the thermostat valve open in engine?

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

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

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

15. Which lubrication system is used separate oil tank?

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

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

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

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

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

18. Which one is the properties of lubricant

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

19. What is the main purpose of the lubricant?

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

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

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

21. Where heat dissipation take place in cooling system?

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

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

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

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

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

24. 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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