

Duration: 50 Mins

Total Marks: 31

Q.ID: ITISKILL077000

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

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

Answer: D) Impeller

2. Which part is lubricated by splash lubrication system?

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

Answer: A) Cylinder wall

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

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

Answer: C) Lubrication system

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

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

Answer: A) Radiator cap

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

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

Answer: C) Centrifugal pump

6. 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

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

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

Answer: B) Worn out seal

8. When the thermostat valve open in engine?

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

Answer: A) Operating temperature of engine

9. Where heat dissipation take place in cooling system?

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

Answer: B) Radiator

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

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

Answer: A) Through drilled oil passages

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

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

Answer: B) Force the water circulation

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

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

Answer: A) Reduce the heat

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

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

Answer: A) Bearing noisy

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

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

Answer: C) Stop coolant flow

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

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

Answer: A) Petrol-oil lubrication

16. Which oil is used in cooling system?

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

Answer: A) Coolant oil

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

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

Answer: A) Two stroke engine

18. How many valves are used in radiator cap?

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

Answer: B) Two valves

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

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

Answer: A) Engine gets over heating

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

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

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

21. 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 condition
- D) Should develop foam

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

22. Which lubrication system is used separate oil tank?

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

Answer: A) Dry sump lubrication

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

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

Answer: D) Cylinder and head

24. What is the main purpose of the lubricant?

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

Answer: A) Minimise the friction

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

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

Answer: D) More backlash

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

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

Answer: A) Core tubes

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

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

Answer: B) Thermo siphon system

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

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

Answer: A) To check oil level

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

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

Answer: C) Cool the hot water

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

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

Answer: C) Release the excess pressure

31. Which part drives the oil pump?

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

Answer: B) Cam Shaft