

ITI Quiz - 01-Apr-2026

12:20 PM

Q. ID: ITISKILL078769

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

Answer: D) Worn out seal

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

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

Answer: B) Lubrication system

3. What is the main purpose of the lubricant?

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

Answer: A) Minimise the friction

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

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

Answer: C) More backlash

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

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

Answer: A) Core tubes

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

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

Answer: B) Centrifugal pump

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

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

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

8. Which oil is used in cooling system?

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

Answer: C) Coolant oil

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

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

Answer: A) To check oil level

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

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

Answer: D) Force the water circulation

11. Which lubrication system is used separate oil tank?

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

Answer: C) Dry sump lubrication

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

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

Answer: A) By belt

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

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

Answer: A) Bearing noisy

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

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

Answer: D) Reduce the heat

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

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

Answer: D) Release the excess pressure

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

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

Answer: C) Radiator cap

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

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

Answer: B) Through drilled oil passages

18. When the thermostat valve open in engine?

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

Answer: A) Operating temperature of engine

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

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

Answer: B) Petrol-oil lubrication

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

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

Answer: B) Cylinder and head

21. Which one is the properties of lubricant

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

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

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

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

Answer: A) Two stroke engine

23. Which part is lubricated by splash lubrication system?

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

Answer: B) Cylinder wall

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

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

Answer: C) Engine gets over heating

25. How many valves are used in radiator cap?

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

Answer: A) Two valves

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

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

Answer: C) Stop coolant flow

27. Where heat dissipation take place in cooling system?

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

Answer: A) Radiator

28. Which part drives the oil pump?

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

Answer: C) Cam Shaft

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

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

Answer: D) Impeller

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

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

Answer: C) Thermo siphon system

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

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

Answer: C) Cool the hot water