

ITI Quiz - 30-Apr-2026

11:54 AM

Q. ID: ITISKILL8914RK

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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1. Where heat dissipation take place in cooling system?

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

Answer: B) Radiator

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

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

Answer: C) Worn out seal

3. Which part is lubricated by splash lubrication system?

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

Answer: B) Cylinder wall

4. Which oil is used in cooling system?

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

Answer: D) Coolant oil

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

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

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

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

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

Answer: D) Petrol-oil lubrication

7. How many valves are used in radiator cap?

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

Answer: D) Two valves

8. Which lubrication system is used separate oil tank?

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

Answer: C) Dry sump lubrication

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

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

Answer: C) Lubrication system

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

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

Answer: C) Radiator cap

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

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

Answer: C) Cylinder and head

12. 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

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

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

Answer: C) Two stroke engine

14. When the thermostat valve open in engine?

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

Answer: B) Operating temperature of engine

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

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

Answer: A) By belt

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

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

Answer: B) More backlash

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

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

Answer: D) Bearing noisy

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

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

Answer: D) To check oil level

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

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

Answer: A) Through drilled oil passages

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

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

Answer: B) Cool the hot water

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

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

Answer: C) Engine gets over heating

22. 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

23. Which part drives the oil pump?

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

Answer: A) Cam Shaft

24. 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

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

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

Answer: C) Force the water circulation

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

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

Answer: D) Impeller

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

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

Answer: A) Release the excess pressure

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

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

Answer: A) Thermo siphon system

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

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

Answer: A) Core tubes

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

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

Answer: C) Reduce the heat

31. Which one is the properties of lubricant

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

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