

ITI Quiz - 30-Mar-2026

06:25 PM

Q. ID: ITISKILL9610QI

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

Answer: D) More backlash

2. Which part is lubricated by splash lubrication system?

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

Answer: D) Cylinder wall

3. When the thermostat valve open in engine?

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

Answer: B) Operating temperature of engine

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

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

Answer: D) By belt

5. 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

Answer: D) Cool the hot water

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

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

Answer: D) Stop coolant flow

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

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

Answer: A) Through drilled oil passages

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

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

Answer: B) Core tubes

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

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

Answer: B) Radiator cap

10. How many valves are used in radiator cap?

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

Answer: C) Two valves

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

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

Answer: A) Petrol-oil lubrication

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

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

Answer: B) Impeller

13. Which one is the properties of lubricant

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

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

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

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

Answer: A) Worn out seal

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

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

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

16. Which oil is used in cooling system?

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

Answer: D) Coolant oil

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

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

Answer: C) Release the excess pressure

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

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

Answer: D) Lubrication system

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

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

Answer: A) Cylinder and head

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

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

Answer: D) Centrifugal pump

21. Which part drives the oil pump?

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

Answer: C) Cam Shaft

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

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

Answer: D) Reduce the heat

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

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

Answer: C) Force the water circulation

24. Which lubrication system is used separate oil tank?

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

Answer: A) Dry sump lubrication

25. Where heat dissipation take place in cooling system?

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

Answer: B) Radiator

26. 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

27. 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

Answer: C) Thermo siphon system

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

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

Answer: C) Bearing noisy

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

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

Answer: A) Two stroke engine

30. What is the main purpose of the lubricant?

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

Answer: C) Minimise the friction

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

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

Answer: B) To check oil level