

ITI Quiz - 30-Apr-2026

12:00 PM

Q. ID: ITISKILL08216H

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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1. Which oil is used in cooling system?

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

Answer: D) Coolant oil

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

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

Answer: B) Two stroke engine

3. 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

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

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

Answer: D) Petrol-oil lubrication

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

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

Answer: C) Impeller

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

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

Answer: C) Core tubes

7. 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

8. What is the main purpose of the lubricant?

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

Answer: B) Minimise the friction

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

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

Answer: A) Release the excess pressure

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

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

Answer: D) Cylinder and head

11. Where heat dissipation take place in cooling system?

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

Answer: B) Radiator

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

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

Answer: D) Centrifugal pump

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

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

Answer: D) More backlash

14. How many valves are used in radiator cap?

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

Answer: B) Two valves

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

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

Answer: B) Worn out seal

16. When the thermostat valve open in engine?

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

Answer: D) Operating temperature of engine

17. Which part drives the oil pump?

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

Answer: B) Cam Shaft

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

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

Answer: B) By belt

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

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

Answer: C) Lubrication system

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

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

Answer: C) To check oil level

21. Which one is the properties of lubricant

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

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

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

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

Answer: D) Bearing noisy

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

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

Answer: C) Radiator cap

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

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

Answer: A) Engine gets over heating

26. Which part is lubricated by splash lubrication system?

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

Answer: A) Cylinder wall

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

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

Answer: D) Thermo siphon system

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

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

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

29. 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

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

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

Answer: C) Reduce the heat

31. Which lubrication system is used separate oil tank?

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

Answer: B) Dry sump lubrication