

ITI Quiz - 19-Mar-2026

11:12 PM

Q. ID: ITISKILL5699ZR

March 2026

Answer Key

Duration: 31 Mins

Total Marks: 31

Q.ID: ITISKILL5699ZR

1. Which lubrication system is used separate oil tank?

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

Answer: A) Dry sump lubrication

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

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

Answer: D) By belt

3. 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

4. How many valves are used in radiator cap?

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

Answer: B) Two valves

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

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

Answer: A) Cylinder and head

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

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

Answer: B) More backlash

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

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

Answer: A) Petrol-oil lubrication

8. What is the main purpose of the lubricant?

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

Answer: A) Minimise the friction

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

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

Answer: D) Two stroke engine

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

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

Answer: C) Stop coolant flow

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

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

Answer: D) Force the water circulation

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

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

Answer: D) Release the excess pressure

13. When the thermostat valve open in engine?

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

Answer: B) Operating temperature of engine

14. 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

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

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

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

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

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

Answer: D) Worn out seal

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

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

Answer: D) Impeller

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

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

Answer: D) Centrifugal pump

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

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

Answer: A) Engine gets over heating

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

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

Answer: B) Bearing noisy

21. 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

22. Which oil is used in cooling system?

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

Answer: A) Coolant oil

23. Which one is the properties of lubricant

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

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

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

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

Answer: C) Through drilled oil passages

25. Which part is lubricated by splash lubrication system?

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

Answer: D) Cylinder wall

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

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

Answer: D) To check oil level

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

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

Answer: A) Reduce the heat

28. 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

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

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

Answer: D) Lubrication system

30. Which part drives the oil pump?

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

Answer: D) Cam Shaft

31. Where heat dissipation take place in cooling system?

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

Answer: C) Radiator