

ITI Quiz - 30-Apr-2026

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Q. ID: ITISKILL25900D

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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1. 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

2. 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 pressure
- D) To check oil level

Answer: D) To check oil level

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

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

Answer: B) Lubrication system

4. 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

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

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

Answer: A) Stop coolant flow

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

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

Answer: B) Core tubes

7. Which one is the properties of lubricant

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

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

8. 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

9. 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

10. When the thermostat valve open in engine?

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

Answer: C) Operating temperature of engine

11. Which part is lubricated by splash lubrication system?

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

Answer: D) Cylinder wall

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

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

Answer: A) By belt

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

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

Answer: B) Force the water circulation

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

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

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

15. 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

16. How many valves are used in radiator cap?

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

Answer: C) Two valves

17. 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

18. What is the main purpose of the lubricant?

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

Answer: A) Minimise the friction

19. Which part drives the oil pump?

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

Answer: B) Cam Shaft

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

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

Answer: A) Radiator cap

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

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

Answer: C) More backlash

22. Where heat dissipation take place in cooling system?

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

Answer: B) Radiator

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

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

Answer: A) Impeller

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

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

Answer: D) Through drilled oil passages

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

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

Answer: B) Reduce the heat

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

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

Answer: D) Two stroke engine

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

- A) Forced feed system B) Pump circulation 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) Bearing noisy B) Fan belt loose
C) Water leakage D) Low water pressure

Answer: A) Bearing noisy

29. 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

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

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

Answer: C) Cool the hot water

31. Which oil is used in cooling system?

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

Answer: D) Coolant oil