

ITI Quiz - 31-Mar-2026

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Q. ID: ITISKILL8073GN

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 30

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1. 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

2. How many valves are used in radiator cap?

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

Answer: D) Two valves

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

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

Answer: C) Lubrication system

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

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

Answer: A) Bearing noisy

5. 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

6. Which one is the properties of lubricant

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

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

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

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

Answer: A) Stop coolant flow

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

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

Answer: D) Two stroke engine

9. 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

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

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

Answer: C) To check oil level

11. 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

12. 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

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

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

Answer: D) By belt

14. Which oil is used in cooling system?

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

Answer: D) Coolant oil

15. Which lubrication system is used separate oil tank?

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

Answer: B) Dry sump lubrication

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

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

Answer: C) Worn out seal

17. Which part drives the oil pump?

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

Answer: D) Cam Shaft

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

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

Answer: B) Cylinder and head

19. 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

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

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

Answer: D) Reduce the heat

21. Where heat dissipation take place in cooling system?

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

Answer: C) Radiator

22. When the thermostat valve open in engine?

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

Answer: C) Operating temperature of engine

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

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

Answer: D) Through drilled oil passages

24. 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

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

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

Answer: B) Petrol-oil lubrication

26. 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

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

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

Answer: A) Impeller

28. What is the main purpose of the lubricant?

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

Answer: D) Minimise the friction

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

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

Answer: C) Core tubes

30. Which part is lubricated by splash lubrication system?

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

Answer: C) Cylinder wall