

ITI Quiz - 29-Mar-2026

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Q. ID: ITISKILL8084ZD

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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1. 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

2. Which part is lubricated by splash lubrication system?

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

Answer: D) Cylinder wall

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

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

Answer: B) Force the water circulation

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

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

Answer: D) Thermo siphon system

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

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

Answer: A) More backlash

6. 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

7. 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

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

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

Answer: C) Stop coolant flow

9. 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

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

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

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

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

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

Answer: D) Radiator cap

12. Where heat dissipation take place in cooling system?

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

Answer: A) Radiator

13. 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

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

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

Answer: D) Centrifugal pump

15. 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

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

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

Answer: C) Impeller

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

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

Answer: C) Lubrication system

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

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

Answer: A) Cool the hot water

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

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

Answer: C) Reduce the heat

20. Which oil is used in cooling system?

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

Answer: C) Coolant oil

21. 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

22. When the thermostat valve open in engine?

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

Answer: A) Operating temperature of engine

23. 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

24. How many valves are used in radiator cap?

- A) One valve
- B) Three valves

C) Four valves

D) Two valves

Answer: D) Two valves

25. 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

26. What is the main purpose of the lubricant?

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

Answer: B) Minimise the friction

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

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

Answer: D) Engine gets over heating

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

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

Answer: A) Bearing noisy

29. Which part drives the oil pump?

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

Answer: D) Cam Shaft

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

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

Answer: D) Release the excess pressure

31. Which one is the properties of lubricant

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

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