

ITI Quiz - 28-Apr-2026

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Q. ID: ITISKILL72228M

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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1. 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

2. 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 soap
- D) Flushing water with air (gun) pressure

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

3. Which part is lubricated by splash lubrication system?

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

Answer: D) Cylinder wall

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

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

Answer: C) Bearing noisy

5. Which lubrication system is used separate oil tank?

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

Answer: A) Dry sump lubrication

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

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

Answer: D) Reduce the heat

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

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

Answer: D) Lubrication system

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

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

Answer: C) Two stroke engine

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

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

Answer: C) Worn out seal

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

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

Answer: C) By belt

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

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

Answer: D) Force the water circulation

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

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

Answer: A) Through drilled oil passages

13. Which one is the properties of lubricant

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

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

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

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

Answer: B) Engine gets over heating

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

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

Answer: B) Radiator cap

16. What is the main purpose of the lubricant?

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

Answer: C) Minimise the friction

17. How many valves are used in radiator cap?

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

Answer: D) Two valves

18. Where heat dissipation take place in cooling system?

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

Answer: C) Radiator

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

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

Answer: A) Thermo siphon system

20. 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

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

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

Answer: A) To check oil level

22. Which oil is used in cooling system?

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

Answer: B) Coolant oil

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

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

Answer: D) More backlash

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

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

Answer: B) Petrol-oil lubrication

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

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

Answer: A) Cylinder and head

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

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

Answer: A) Impeller

27. When the thermostat valve open in engine?

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

Answer: C) Operating temperature of engine

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

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

Answer: C) Cool the hot water

29. Which part drives the oil pump?

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

Answer: A) Cam Shaft

30. 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

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

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

Answer: A) Release the excess pressure