

ITI Quiz - 01-Apr-2026

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Q. ID: ITISKILL626184

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

Answer: B) Impeller

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

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

Answer: A) Radiator cap

3. What is the main purpose of the lubricant?

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

Answer: B) Minimise the friction

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

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

Answer: D) Stop coolant flow

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

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

Answer: C) Lubrication system

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

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

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

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

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

Answer: B) Through drilled oil passages

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

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

Answer: B) Two stroke engine

9. Which part drives the oil pump?

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

Answer: B) Cam Shaft

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

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

Answer: A) By belt

11. Which part is lubricated by splash lubrication system?

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

Answer: C) Cylinder wall

12. 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

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

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

Answer: A) Thermo siphon system

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

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

Answer: C) Engine gets over heating

15. Which oil is used in cooling system?

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

Answer: A) Coolant oil

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

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

Answer: B) Worn out seal

17. 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

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

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

Answer: B) Release the excess pressure

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

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

Answer: B) Force the water circulation

20. 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

21. 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

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

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

Answer: A) More backlash

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

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

Answer: B) Reduce the heat

24. How many valves are used in radiator cap?

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

Answer: C) Two valves

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

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

Answer: D) Centrifugal pump

26. 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

27. Where heat dissipation take place in cooling system?

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

Answer: B) Radiator

28. Which one is the properties of lubricant

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

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

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

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

Answer: D) To check oil level

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

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

Answer: D) Bearing noisy

31. When the thermostat valve open in engine?

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

Answer: A) Operating temperature of engine