

ITI Quiz - 02-May-2026

09:09 AM

Q. ID: ITISKILL6396XX

May 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

Answer: D) More backlash

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

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

Answer: A) Radiator cap

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

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

Answer: D) Bearing noisy

4. What is the main purpose of the lubricant?

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

Answer: C) Minimise the friction

5. 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

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

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

Answer: C) Reduce the heat

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

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

Answer: C) Stop coolant flow

8. When the thermostat valve open in engine?

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

Answer: A) Operating temperature of engine

9. How many valves are used in radiator cap?

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

Answer: A) Two valves

10. 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

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

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

Answer: A) Cylinder and head

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

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

Answer: A) Engine gets over heating

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

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

Answer: B) To check oil level

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

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

Answer: C) Core tubes

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

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

Answer: A) Worn out seal

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

- A) By gear
- C) By belt

- B) By coupling
- D) By chain

Answer: C) By belt

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

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

Answer: D) Through drilled oil passages

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

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

Answer: D) Two stroke engine

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

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

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

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

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

Answer: D) Petrol-oil lubrication

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

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

Answer: A) Centrifugal pump

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

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

Answer: B) Force the water circulation

23. Where heat dissipation take place in cooling system?

- A) Water jackets
- B) Water pump

- C) Fan
- D) Radiator

Answer: D) Radiator

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

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

Answer: D) Impeller

25. 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

26. Which lubrication system is used separate oil tank?

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

Answer: D) Dry sump lubrication

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

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

Answer: D) Lubrication system

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 is lubricated by splash lubrication system?

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

Answer: D) Cylinder wall

30. Which part drives the oil pump?

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

Answer: C) Cam Shaft

31. Which oil is used in cooling system?

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

Answer: B) Coolant oil