

ITI Quiz - 27-Mar-2026

03:22 PM

Q. ID: ITISKILL1957YA

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

Answer: A) Bearing noisy

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

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

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

3. 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

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

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

Answer: B) Reduce the heat

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

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

Answer: D) Centrifugal pump

6. Which part is lubricated by splash lubrication system?

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

Answer: D) Cylinder wall

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

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

Answer: D) Core tubes

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

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

Answer: D) To check oil level

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

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

Answer: C) Engine gets over heating

10. 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

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

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

Answer: D) Stop coolant flow

12. What is the main purpose of the lubricant?

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

Answer: D) Minimise the friction

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

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

Answer: A) Lubrication system

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

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

Answer: C) Two stroke engine

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

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

Answer: D) Release the excess pressure

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

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

Answer: A) Radiator cap

17. Which oil is used in cooling system?

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

Answer: A) Coolant oil

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

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

Answer: B) Impeller

19. Which one is the properties of lubricant

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

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

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

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

Answer: D) More backlash

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

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

Answer: A) By belt

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

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

Answer: C) Thermo siphon system

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

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

Answer: B) Petrol-oil lubrication

24. When the thermostat valve open in engine?

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

Answer: A) Operating temperature of engine

25. How many valves are used in radiator cap?

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

Answer: B) Two valves

26. Which part drives the oil pump?

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

Answer: A) Cam Shaft

27. Where heat dissipation take place in cooling system?

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

Answer: B) Radiator

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

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

Answer: A) Worn out seal

29. 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

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

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

Answer: B) Cool the hot water

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

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

Answer: D) Cylinder and head