

ITI Quiz - 27-Mar-2026

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Q. ID: ITISKILL8996AH

March 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) Pulley
- C) Shaft
- D) Impeller

Answer: D) Impeller

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

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

Answer: A) Reduce the heat

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

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

Answer: A) Lubrication system

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

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

Answer: B) Centrifugal pump

5. 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

6. 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

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

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

Answer: D) Thermo siphon system

8. Which part is lubricated by splash lubrication system?

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

Answer: D) Cylinder wall

9. Which oil is used in cooling system?

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

Answer: D) Coolant oil

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

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

Answer: C) Cool the hot water

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

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

Answer: A) Core tubes

12. 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

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

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

Answer: C) By belt

14. Which lubrication system is used separate oil tank?

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

Answer: A) Dry sump lubrication

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

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

Answer: B) Stop coolant flow

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

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

Answer: C) Engine gets over heating

17. 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

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

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

Answer: C) More backlash

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

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

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

20. How many valves are used in radiator cap?

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

Answer: D) Two valves

21. Which one is the properties of lubricant

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

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

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

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

Answer: D) Force the water circulation

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

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

Answer: C) Radiator cap

24. Where heat dissipation take place in cooling system?

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

Answer: C) Radiator

25. When the thermostat valve open in engine?

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

Answer: D) Operating temperature of engine

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

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

Answer: C) Petrol-oil lubrication

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

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

Answer: B) Through drilled oil passages

28. What is the main purpose of the lubricant?

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

Answer: A) Minimise the friction

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. Which part drives the oil pump?

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

Answer: A) Cam Shaft

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

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

Answer: A) Cylinder and head