

ITI Quiz - 05-Mar-2026

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Q. ID: ITISKILL768836

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

Answer: D) Worn out seal

2. Which part drives the oil pump?

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

Answer: B) Cam Shaft

3. When the thermostat valve open in engine?

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

Answer: C) Operating temperature of engine

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

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

Answer: B) Core tubes

5. Which oil is used in cooling system?

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

Answer: C) Coolant oil

6. Which part is lubricated by splash lubrication system?

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

Answer: B) Cylinder wall

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

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

Answer: A) Release the excess pressure

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

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

Answer: C) By belt

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

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

Answer: A) Impeller

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

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

Answer: A) Bearing noisy

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

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

Answer: D) Engine gets over heating

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

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

Answer: A) Petrol-oil lubrication

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

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

Answer: D) Thermo siphon system

14. Where heat dissipation take place in cooling system?

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

Answer: A) Radiator

15. What is the main purpose of the lubricant?

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

Answer: C) Minimise the friction

16. Which lubrication system is used separate oil tank?

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

Answer: C) Dry sump lubrication

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

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

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

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

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

Answer: B) Radiator cap

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

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

Answer: C) Force the water circulation

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

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

Answer: C) To check oil level

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

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

Answer: B) Lubrication system

22. 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

23. Which one is the properties of lubricant

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

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

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

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

Answer: C) Through drilled oil passages

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

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

Answer: D) Stop coolant flow

26. How many valves are used in radiator cap?

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

Answer: D) Two valves

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

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

Answer: B) More backlash

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

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

Answer: D) Centrifugal pump

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

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

Answer: C) Cylinder and head

30. 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

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

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

Answer: B) Cool the hot water