

ITI Quiz - 03-Mar-2026

10:06 PM

Q. ID: ITISKILL1835RF

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

Answer: B) Impeller

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

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

Answer: C) Cylinder and head

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

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

Answer: A) Thermo siphon system

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

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

Answer: C) Centrifugal pump

5. Which part drives the oil pump?

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

Answer: B) Cam Shaft

6. 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

7. How many valves are used in radiator cap?

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

Answer: B) Two valves

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

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

Answer: A) Two stroke engine

9. 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

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

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

Answer: C) Bearing noisy

11. 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

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

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

Answer: B) Stop coolant flow

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

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

Answer: B) Force the water circulation

14. What is the main purpose of the lubricant?

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

Answer: B) Minimise the friction

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

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

Answer: C) Through drilled oil passages

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

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

Answer: B) Worn out seal

17. Which system the gear type oil pump is used?
- A) Cooling system B) Lubrication system
C) Fuel system D) Air conditioning system

Answer: B) Lubrication system

18. What is the purpose of a radiator pressure cap?
- A) Release the excess pressure B) Retain the vacuum pressure
C) Retain the atmospheric pressure D) Maintain the water temperature

Answer: A) Release the excess pressure

19. 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

20. How the water pump get drive in pump circulation cooling system?
- A) By gear B) By coupling
C) By chain D) By belt

Answer: D) By belt

21. 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

22. 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

23. Which type of lubrication system is used in two stroke engine?
- A) Dry sump lubrication B) Splash lubrication
C) Petrol-oil lubrication D) Wet sump lubrication

Answer: C) Petrol-oil lubrication

24. Which part helps to increase the water boiling point in water cooling system?
- A) Radiator cap B) Radiator hose

- C) Radiator core tubes D) Radiator fins

Answer: A) Radiator cap

25. Where heat dissipation take place in cooling system?
- A) Radiator B) Water pump
C) Fan D) Water jackets

Answer: A) Radiator

26. Which part allows to flow water from upper tank to lower tank of the radiator?
- A) Fins B) Water pump
C) Core tubes D) Bottom hole

Answer: C) Core tubes

27. Which oil is used in cooling system?
- A) Hydraulic oil B) Lubricant oil
C) Coolant oil D) Mineral oil

Answer: C) Coolant oil

28. Which part is lubricated by splash lubrication system?
- A) Main journal B) Cylinder wall
C) Crank pin D) Timing gears

Answer: B) Cylinder wall

29. Which mixture is used in radiator reverse flushing cleaning?
- A) Flushing water with soap oil B) Flushing water with coolant oil
C) Flushing water with engine oil D) Flushing water with air (gun) pressure

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

30. What is the purpose of metal fins in air cooling system?
- A) Reduce the heat B) Increase the heat
C) Supply the heat D) Maintain the heat

Answer: A) Reduce the heat

31. Which one is the properties of lubricant
- A) Boiling temperature should be low B) Oil viscosity should be suit the operating conditions
C) Oil viscosity should not be same in hot and cold condition D) Should develop foam condition

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