

ITI Quiz - 13-Mar-2026

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Q. ID: ITISKILL82220Q

March 2026

Answer Key

Duration: 31 Mins

Total Marks: 31

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1. 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

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

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

Answer: D) Worn out seal

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

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

Answer: D) Cylinder and head

4. What is the main purpose of the lubricant?

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

Answer: B) Minimise the friction

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

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

Answer: B) Radiator cap

6. When the thermostat valve open in engine?

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

Answer: C) Operating temperature of engine

7. Which oil is used in cooling system?

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

Answer: A) Coolant oil

8. How many valves are used in radiator cap?

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

Answer: C) Two valves

9. 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

10. 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

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

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

Answer: C) By belt

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

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

Answer: B) Bearing noisy

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

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

Answer: D) Impeller

14. Which part drives the oil pump?

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

Answer: D) Cam Shaft

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

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

Answer: B) Lubrication system

16. 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 air
- D) Cool the hot water

Answer: D) Cool the hot water

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

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

Answer: B) Through drilled oil passages

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

- A) Flushing water with soap 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

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

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

Answer: A) Engine gets over heating

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

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

Answer: A) Two stroke engine

21. 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

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

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

Answer: B) More backlash

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

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

Answer: A) Force the water circulation

24. Which part is lubricated by splash lubrication system?

- A) Main journal B) Timing gears

C) Cylinder wall

D) Crank pin

Answer: C) Cylinder wall

25. Where heat dissipation take place in cooling system?

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

Answer: D) Radiator

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

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

Answer: C) Stop coolant flow

27. Which lubrication system is used separate oil tank?

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

Answer: A) Dry sump lubrication

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

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

Answer: D) Petrol-oil lubrication

29. Which one is the properties of lubricant

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

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

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

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

Answer: C) Release the excess pressure

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

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

Answer: B) Core tubes