

ITI Quiz - 29-Apr-2026

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Q. ID: ITISKILL4612AQ

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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1. 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

2. 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 temperature
- D) To check oil level

Answer: D) To check oil level

3. Which part drives the oil pump?

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

Answer: D) Cam Shaft

4. What is the main purpose of the lubricant?

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

Answer: C) Minimise the friction

5. Which oil is used in cooling system?

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

Answer: D) Coolant oil

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

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

Answer: D) Stop coolant flow

7. 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

8. 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

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

- A) More backlash
- B) Filter clogged

C) Less radial clearance D) Relief valve struck

Answer: A) More backlash

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

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

Answer: D) Radiator cap

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

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

Answer: B) Cylinder and head

12. 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

13. Which lubrication system is used separate oil tank?

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

Answer: C) Dry sump lubrication

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

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

Answer: D) Through drilled oil passages

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

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

Answer: D) Core tubes

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

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

Answer: A) Impeller

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

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

Answer: A) Centrifugal pump

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

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

Answer: C) Petrol-oil lubrication

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

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

Answer: A) Engine gets over heating

20. 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

21. When the thermostat valve open in engine?

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

Answer: D) Operating temperature of engine

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

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

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

23. Which part is lubricated by splash lubrication system?

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

Answer: A) Cylinder wall

24. How many valves are used in radiator cap?

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

Answer: D) Two valves

25. 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

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

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

Answer: A) Bearing noisy

27. Where heat dissipation take place in cooling system?

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

Answer: B) Radiator

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

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

Answer: C) Release the excess pressure

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

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

Answer: D) Lubrication system

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

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

Answer: B) By belt

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

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

Answer: B) Thermo siphon system