

ITI Quiz - 01-May-2026

07:43 PM

Q. ID: ITISKILL414001

May 2026

Answer Key

Duration: 30 Mins

Total Marks: 25

Q.ID: ITISKILL414001

1. Which part drives the oil pump?

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

Answer: D) Cam Shaft

2. 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

3. Where heat dissipation take place in cooling system?

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

Answer: D) Radiator

4. Which part is lubricated by splash lubrication system?

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

Answer: A) Cylinder wall

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

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

Answer: A) Centrifugal pump

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

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

Answer: A) Cool the hot water

7. 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

8. 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

9. 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

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

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

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

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

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

Answer: B) Thermo siphon system

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

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

Answer: D) More backlash

13. 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

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

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

Answer: B) Two stroke engine

15. 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

16. How many valves are used in radiator cap?

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

Answer: D) Two valves

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

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

Answer: C) Reduce the heat

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

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

Answer: A) By belt

20. Which oil is used in cooling system?

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

Answer: D) Coolant oil

21. What is the main purpose of the lubricant?

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

Answer: D) Minimise the friction

22. 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

23. 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

24. Which one is the properties of lubricant

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

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

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

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

Answer: B) Force the water circulation