

ITI Quiz - 02-May-2026

08:23 AM

Q. ID: ITISKILL1801ZW

May 2026

Answer Key

Duration: 30 Mins

Total Marks: 25

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

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

Answer: D) Radiator cap

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

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

Answer: A) Lubrication system

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

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

Answer: D) To check oil level

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

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

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

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

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

Answer: C) Engine gets over heating

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

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

Answer: C) Centrifugal pump

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

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

Answer: D) Cylinder and head

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

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

Answer: C) Reduce the heat

9. How many valves are used in radiator cap?

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

Answer: B) Two valves

10. 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

11. 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

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

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

Answer: B) Core tubes

13. 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

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

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

Answer: D) Force the water circulation

15. Which one is the properties of lubricant

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

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

16. What is the purpose of the radiator in the cooling

system?

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

Answer: D) Cool the hot water

17. Which part is lubricated by splash lubrication system?

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

Answer: A) Cylinder wall

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

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

Answer: D) Thermo siphon system

19. What is the main purpose of the lubricant?

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

Answer: B) Minimise the friction

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

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

Answer: C) Bearing noisy

21. Which lubrication system is used separate oil tank?

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

Answer: A) Dry sump lubrication

22. 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

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

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

Answer: A) Worn out seal

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

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

Answer: C) Impeller

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

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

Answer: A) Through drilled oil passages
