

ITI Quiz - 25-Mar-2026

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Q. ID: ITISKILL0336HO

March 2026

Answer Key

Duration: 31 Mins

Total Marks: 31

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

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

Answer: A) Force the water circulation

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

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

Answer: C) Impeller

3. Which oil is used in cooling system?

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

Answer: D) Coolant oil

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

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

Answer: C) Reduce the heat

5. Where heat dissipation take place in cooling system?

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

Answer: A) Radiator

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

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

Answer: C) Radiator cap

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

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

Answer: A) Core tubes

8. Which part is lubricated by splash lubrication system?

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

Answer: B) Cylinder wall

9. 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

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

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

Answer: D) To check oil level

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

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

Answer: D) Centrifugal pump

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

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

Answer: D) Petrol-oil lubrication

13. When the thermostat valve open in engine?

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

Answer: D) Operating temperature of engine

14. How many valves are used in radiator cap?

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

Answer: A) Two valves

15. Which one is the properties of lubricant

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

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

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

- A) Relief valve struck
B) More backlash

- C) Filter clogged D) Less radial clearance

Answer: B) More backlash

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

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

Answer: A) Two stroke engine

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

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

Answer: A) Cylinder and head

19. Which lubrication system is used separate oil tank?

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

Answer: C) Dry sump lubrication

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

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

Answer: D) Engine gets over heating

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

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

Answer: B) Release the excess pressure

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

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

Answer: A) Through drilled oil passages

23. 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

24. How the water pump get drive in pump circulation

cooling system?

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

Answer: B) By belt

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

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

Answer: C) Thermo siphon system

26. 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

27. Which part drives the oil pump?

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

Answer: B) Cam Shaft

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

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

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

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

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

Answer: B) Worn out seal

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

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

Answer: B) Lubrication system

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

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

Answer: B) Cool the hot water