

ITI Quiz - 08-Apr-2026

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Q. ID: ITISKILL6150H7

April 2026

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Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

Answer: D) Two stroke engine

2. 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

3. Which part is lubricated by splash lubrication system?

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

Answer: B) Cylinder wall

4. Which part drives the oil pump?

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

Answer: C) Cam Shaft

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

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

Answer: B) Release the excess pressure

6. What is the main purpose of the lubricant?

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

Answer: C) Minimise the friction

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

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

Answer: B) Centrifugal pump

8. 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

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

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

Answer: D) Petrol-oil lubrication

10. Which oil is used in cooling system?

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

Answer: A) Coolant oil

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

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

Answer: C) Bearing noisy

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

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

Answer: A) More backlash

13. 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

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

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

Answer: C) Radiator cap

15. 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

16. Which one is the properties of lubricant

A) Boiling temperature should be low
B) Oil viscosity should not be same in hot and cold condition

C) Oil viscosity should be suit the operating conditions
D) Should develop foam

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

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

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

Answer: C) Worn out seal

18. Which lubrication system is used separate oil tank?

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

Answer: B) Dry sump lubrication

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

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

Answer: B) Force the water circulation

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

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

Answer: B) Reduce the heat

21. 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

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

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

Answer: C) To check oil level

23. How many valves are used in radiator cap?

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

Answer: D) Two valves

24. 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

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

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

Answer: D) Engine gets over heating

26. Where heat dissipation take place in cooling system?

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

Answer: C) Radiator

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

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

Answer: C) Impeller

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

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

Answer: B) Cylinder and head

29. 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

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

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

Answer: D) By belt

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

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

Answer: B) Through drilled oil passages