

ITI Quiz - 29-Mar-2026

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Q. ID: ITISKILL0377HF

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

Answer: B) Cylinder and head

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

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

Answer: C) More backlash

3. Which part drives the oil pump?

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

Answer: C) Cam Shaft

4. What is the main purpose of the lubricant?

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

Answer: B) Minimise the friction

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

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

Answer: B) Release the excess pressure

6. When the thermostat valve open in engine?

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

Answer: B) Operating temperature of engine

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

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

Answer: C) Core tubes

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

- A) Radiator cap
- B) Radiator core tubes

C) Radiator hose

D) Radiator fins

Answer: A) Radiator cap

9. Which part is lubricated by splash lubrication system?

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

Answer: A) Cylinder wall

10. 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

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

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

Answer: A) Lubrication system

12. How many valves are used in radiator cap?

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

Answer: C) Two valves

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

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

Answer: A) To check oil level

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

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

Answer: C) Two stroke engine

15. Which oil is used in cooling system?

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

Answer: D) Coolant oil

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

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

Answer: C) Stop coolant flow

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

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

Answer: B) Impeller

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

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

Answer: D) Cool the hot water

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

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

Answer: D) Bearing noisy

20. Which lubrication system is used separate oil tank?

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

Answer: D) Dry sump lubrication

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

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

Answer: A) Engine gets over heating

22. Where heat dissipation take place in cooling system?

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

Answer: A) Radiator

23. 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

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

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

Answer: B) Force the water circulation

25. Which one is the properties of lubricant

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

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

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

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

Answer: D) Thermo siphon system

27. 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

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

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

Answer: D) Through drilled oil passages

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

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

Answer: A) Petrol-oil lubrication

30. 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 coolant oil
- D) Flushing water with soap oil

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

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

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

Answer: B) Centrifugal pump