

ITI Quiz - 18-Mar-2026

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Q. ID: ITISKILL8668WA

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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1. What is the main purpose of the lubricant?

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

Answer: D) Minimise the friction

2. Which one is the properties of lubricant

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

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

3. Which part drives the oil pump?

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

Answer: B) Cam Shaft

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

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

Answer: D) More backlash

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

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

Answer: C) Through drilled oil passages

6. 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

7. When the thermostat valve open in engine?

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

Answer: C) Operating temperature of engine

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

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

Answer: D) Centrifugal pump

9. 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 level
- D) To check oil pressure

Answer: C) To check oil level

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

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

Answer: B) Radiator cap

11. Which part is lubricated by splash lubrication system?

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

Answer: D) Cylinder wall

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

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

Answer: B) Impeller

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

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

Answer: D) Lubrication system

14. 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

15. Which lubrication system is used separate oil tank?

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

Answer: C) Dry sump lubrication

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

- A) Valve door
- B) Exhaust pipe

C) Cylinder and head D) Intake manifold

Answer: C) Cylinder and head

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

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

Answer: D) By belt

18. Where heat dissipation take place in cooling system?

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

Answer: A) Radiator

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

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

Answer: D) Core tubes

20. Which oil is used in cooling system?

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

Answer: A) Coolant oil

21. How many valves are used in radiator cap?

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

Answer: B) Two valves

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

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

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

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

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

Answer: C) Engine gets over heating

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

A) Fan belt loose B) Water leakage

C) Low water pressure D) Bearing noisy

Answer: D) Bearing noisy

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

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

Answer: A) Petrol-oil lubrication

26. 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 water D) Cool the hot air

Answer: C) Cool the hot water

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

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

Answer: C) Two stroke engine

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

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

Answer: D) Reduce the heat

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

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

Answer: A) Release the excess pressure

30. 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

31. 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