

ITI Quiz - 30-Mar-2026

07:16 PM

Q. ID: ITISKILL6624ZM

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

1. Which one is the properties of lubricant

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

C) Fins

D) Bottom hole

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

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

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

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

4. Which part drives the oil pump?

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

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

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

6. Which oil is used in cooling system?

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

7. Which lubrication system is used separate oil tank?

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

8. 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

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

- A) Water pump
B) Core tubes

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

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

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

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

12. 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

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

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

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

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

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

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

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

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

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

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

18. How many valves are used in radiator cap?

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

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

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

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

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

21. 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

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

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

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

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

24. Which part is lubricated by splash lubrication system?

- A) Timing gears
- B) Crank pin

C) Main journal

D) Cylinder wall

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

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

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

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

27. 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

28. Where heat dissipation take place in cooling system?

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

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

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

30. What is the main purpose of the lubricant?

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

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

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