

ITI Quiz - 01-May-2026

07:48 PM

Q. ID: ITISKILL7766R8

May 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

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

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

- C) Wet sump lubrication
D) Dry sump lubrication

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

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

10. What is the main purpose of the lubricant?

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

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

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

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

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

4. 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

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

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

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

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

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

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

6. Which oil is used in cooling system?

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

14. Which part is lubricated by splash lubrication system?

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

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

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

15. Which lubrication system is used separate oil tank?

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

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

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

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

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

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

- A) Splash lubrication
B) Petrol-oil lubrication

17. Which part drives the oil pump?

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

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

- A) Fuel system
B) Cooling system

- C) Lubrication system D) Air conditioning system
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- 19.** Where heat dissipation take place in cooling system?
 A) Water jackets B) Water pump
 C) Fan D) Radiator
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- 20.** Which type of pump is used in water cooling system?
 A) Gear pump B) Diaphragm pump
 C) Centrifugal pump D) Reciprocating pump
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- 21.** What is the purpose of water pump in cooling system?
 A) Flushing out the cooling system B) Reduce the water pressure
 C) Force the water circulation D) Increase the water temperature
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- 22.** 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
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- 23.** What is the purpose of a radiator pressure cap?
 A) Retain the atmospheric pressure B) Release the excess pressure
 C) Maintain the water temperature D) Retain the vacuum pressure
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- 24.** Which types of cooling system the rate of cooling is very low?
 A) Air cooling system B) Forced feed system
 C) Pump circulation system D) Thermo siphon system
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- 25.** Which one is the properties of lubricant
- A) Oil viscosity should not be same in hot and cold condition B) Boiling temperature should be low
 C) Should develop foam D) Oil viscosity should be suit the operating conditions
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- 26.** Which engine is used the Petrol oil lubrication system?
 A) Four stroke engine B) Steam engine
 C) Two stroke engine D) Battery car
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- 27.** How many valves are used in radiator cap?
 A) Three valves B) One valve
 C) Two valves D) Four valves
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- 28.** When it is required to change the water pump bearing?
 A) Low water pressure B) Bearing noisy
 C) Water leakage D) Fan belt loose
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- 29.** 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
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- 30.** Which part allows to flow water from upper tank to lower tank of the radiator?
 A) Core tubes B) Water pump
 C) Bottom hole D) Fins
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- 31.** What is the purpose of the radiator in the cooling system?
 A) Cool the hot water B) Cool the hot oil
 C) Cool the water pump D) Cool the hot air
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