

ITI Quiz - 01-May-2026 07:18 PM

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96.15% 50 / 52

Student Name	123456789	Access Code	5301
Attempt No.	#2	Completion Time	07:39 PM
Rank	#1	Total Questions	52

50 SCORE

52 MAX MARKS

50 CORRECT

2 INCORRECT

Answer Review

Q1 **CORRECT** Which oil is used in cooling system?

A. Lubricant oil

B. Mineral oil

C. Coolant oil ☒

D. Hydraulic oil

Q2 **CORRECT** 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 ☒

Q3 **CORRECT** Which part drives the oil pump?

A. Crank Shaft

B. Cam Shaft ☒

C. Crank pulley

D. Timing gears

Q4 **CORRECT** Which part is lubricated by splash lubrication system?

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

Q5 **CORRECT** How oil deliver from the crank shaft main bearings to connecting rod bearings?

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

Q6 **CORRECT** What is the purpose of a radiator pressure cap?

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

Q7 **CORRECT** What is the purpose of water pump in cooling system?

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

Q8 **CORRECT** Which part is used to pump the water in water pump?

A. Bearing

B. Shaft

C. Pulley

D. Impeller ☒

Q9 **CORRECT** What is the effect if thermostat valve is struck?

A. Engine gets over cooling

B. Engine gets over heating ☒

C. Engine does not start

D. Engine does not stop

Q10 **CORRECT** Where heat dissipation take place in cooling system?

A. Radiator ☒

B. Water pump

C. Water jackets

D. Fan

Q11 **CORRECT** Which type of pump is used in water cooling system?

A. Gear pump

B. Diaphragm pump

C. Centrifugal pump ☒

D. Reciprocating pump

Q12 **CORRECT** How many valves are used in radiator cap?

A. One valve

B. Two valves ☒

C. Three valves

D. Four valves

Q13 **CORRECT** Which part allows to flow water from upper tank to lower tank of the radiator?

A. Fins

B. Core tubes ☒

C. Water pump

D. Bottom hole

Q14 **CORRECT** What is the purpose of the radiator in the cooling system?

A. Cool the hot air

B. Cool the hot oil

C. Cool the hot water ☒

D. Cool the water pump

Q15 **CORRECT** What is the purpose of metal fins in air cooling system?

A. Supply the heat

B. Increase the heat

C. Reduce the heat ☒

D. Maintain the heat

Q16 **CORRECT** Where the metal fins are provided in the air cooled engine?

A. Cylinder and head ☒

B. Exhaust pipe

C. Valve door

D. Intake manifold

Q17 **CORRECT** Which types of cooling system the rate of cooling is very low?

A. Thermo siphon system ☒

B. Air cooling system

C. Forced feed system

D. Pump circulation system

Q18 **CORRECT** How the water pump get drive in pump circulation cooling system?

A. By belt ☒

B. By gear

C. By chain

D. By coupling

Q19 **CORRECT** Which mixture is used in radiator reverse flushing cleaning?

A. Flushing water with air (gun) pressure ☒

B. Flushing water with engine oil

C. Flushing water with coolant oil

D. Flushing water with soap oil

Q20 **CORRECT** When the thermostat valve open in engine?

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

Q21 **CORRECT** Which part helps to increase the water boiling point in water cooling system?

- A. Radiator core tubes
- B. Radiator fins
- C. Radiator hose
- D. Radiator cap ☒

Q22 **CORRECT** Which engine is used the Petrol oil lubrication system?

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

Q23 **CORRECT** 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 ☒

Q24 **CORRECT** Which lubrication system is used separate oil tank?

A. Wet sump lubrication

B. Splash lubrication

C. Petrol - oil lubrication

D. Dry sump lubrication ☒

Q25 **CORRECT** Which type of lubrication system is used in two stroke engine?

A. Dry sump lubrication

B. Wet sump lubrication

C. Petrol-oil lubrication ☒

D. Splash lubrication

Q26 **CORRECT** What is the main purpose of the lubricant?

A. Minimise the friction ☒

B. Increase the friction

C. Increase the weariness

D. Increase the noise

Q27 **CORRECT** Which system the gear type oil pump is used?

A. Lubrication system ☒

B. Cooling system

C. Fuel system

D. Air conditioning system

Q28 **CORRECT** What is the cause of water leakage in water pump?

A. Worn out bearing

B. Worn out shaft

C. Worn out seal ☒

D. Worn out impeller

Q29 **CORRECT** When it is required to change the water pump bearing?

A. Water leakage

B. Bearing noisy ☒

C. Low water pressure

D. Fan belt loose

Q30 **CORRECT** What is the effect if the radiator cores are clogged?

A. Free coolant flow

B. Slow coolant flow

C. Stop coolant flow ☒

D. Increase coolant flow

Q31 **CORRECT** What is the reason pump does not suck the oil?

A. Less radial clearance

B. More backlash ☒

C. Relief valve struck

D. Filter clogged

Q32 **CORRECT** Which part connects the petrol engine inlet manifold?

A. Air filter

B. Injector

C. Carburetor ☒

D. Fuel pump

Q33 **CORRECT** What is the material of inlet manifold?

A. Brass

B. Bronze

C. Stainless steel

D. Aluminium alloy ☒

Q34 **CORRECT** Which component is related to exhaust system?

A. Muffler ☒

B. Air filter

C. Carburetor

D. Injection pump

Q35 **CORRECT** Which is related to pneumatic system?

A. Steam

B. Electric

C. Compressed air ☒

D. Pressurized water

Q36 **CORRECT** Where is the turbocharger mounted?

- A. Air filter
- B. Inlet manifold
- C. Cylinder head
- D. Exhaust manifold ☒

Q37 **CORRECT** What is the material of exhaust manifold?

- A. Brass
- B. Bronze
- C. Cast iron ☒
- D. Steel alloy

Q38 **CORRECT** Which type of muffler produces anti noise without restricting exhaust flow?

- A. Baffle type
- B. Electronic type ☒
- C. Reverse flow type
- D. Straight through type

Q39 **CORRECT** Which type of muffler is fitted with sensors and microphone ?

- A. Electronic type ☒
- B. Resonance type
- C. Reverse flow type
- D. Straight through type

Q40 **CORRECT** Which process is taken place in catalytic convertor?

A. Thermal

B. Physical

C. Chemical ☒

D. Biological

Q41 **CORRECT** What is the purpose of the turbo charger?

A. Save power

B. Scavenging

C. Filter the exhaust gas

D. Pump more air into the cylinder ☒

Q42 **INCORRECT** How does a turbocharger get drive?

A. By belt ☐

B. By gear

C. By inlet gas

D. By exhaust gas ☒

Q43 **CORRECT** Which one of the following acts as a flame arrester during engine back fire?

A. Muffler

B. Oil filter

C. Air filter ☒

D. Fuel filter

Q44 **CORRECT** Which type of filter element is fitted in dry type air cleaner?

A. Cloth

B. Paper ☒

C. Strainer

D. Wire mesh

Q45 **INCORRECT** What is the purpose of the muffler in the exhaust system?

A. To reduce the heat

B. To reduce the noise ☒

C. To reduce the vibration

D. To filter the exhaust gases ☐

Q46 **CORRECT** Where the exhaust system muffler is connected?

A. Between exhaust pipe and tail pipe ☒

B. Between tail pipe and exhaust manifold

C. Between engine head and exhaust manifold

D. Between exhaust pipe and exhaust manifold

Q47 **CORRECT** Where the catalytic converters are used?

A. Fuel system

B. Inlet system

C. Exhaust system ☒

D. Lubrication system

Q48 **CORRECT** What is the purpose of catalytic converter?

- A. Control the noise
- B. Control the emission ☒
- C. Control the temperature
- D. Control the fuel consumption

Q49 **CORRECT** Where the catalytic converter is fitted?

- A. Between muffler and tail pipe
- B. Between exhaust pipe and muffler ☒
- C. Between tail pipe and resonator pipe
- D. Between engine head and exhaust manifold

Q50 **CORRECT** Which are the materials commonly used in the catalytic converter?

- A. Zinc and molybdenum
- B. Palladium and platinum ☒
- C. Asbestos and ceramics
- D. Chromium and vanadium

Q51 **CORRECT** What is the reason to decrease the volumetric efficiency in exhaust system?

- A. Low noise
- B. High temperature
- C. Low temperature
- D. Excessive back pressure ☒

Q52 **CORRECT** Which metal in the fuel is to be avoided while fitting catalytic convertor?

A. Tin

B. Lead ☒

C. Chromium

D. Phosphorus