

ITI Quiz - 25-Apr-2026 07:07 PM

Q. ID: ITISKILL1073GE | April 2026

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Student Name	123456789	Access Code	3049
Attempt No.	#1	Completion Time	07:32 PM
Rank	#1	Total Questions	34

22 SCORE

34 MAX MARKS

22 CORRECT

12 INCORRECT

Answer Review

Q1 **INCORRECT** How electrons move in a conductor?

A. Current

B. Resistance

C. Conductance

D. Voltage difference

Q2 **CORRECT** Which is the Ohm's Mathematical Expression?

A. $I=(V/R)$

B. $I=(R/V)$

C. $V=(I/R)$

D. $R=(I/V)$

Q3 **INCORRECT** What type of resistor is used in the vehicle flasher unit?

A. Ballast resistor

B. Film resistor

C. Printed resistor

D. Integrated resistor

Q4 **CORRECT** Which material is required to make integrated circuit chips?

A. zinc

B. steel

C. silicon

D. copper

Q5 **INCORRECT** Which electronic component is used as a solid state switch?

A. Inductor

B. Resistor

C. Capacitor

D. Transistor

Q6 **INCORRECT** Which is a temperature sensitive resistor?

A. Diode

B. Thyristor

C. Thermistor

D. Transistor

Q7 **INCORRECT** Which component is used to measure the engine coolant temperature?

A. Thermistor

B. Resistor

C. Transistor

D. Diode

Q8 **CORRECT** What is the permissible voltage drop in the electrical circuit?

A. 0.1 V

B. 0.2 V

C. 0.3 V

D. 0.4 V

Q9 **CORRECT** How many cells are in the 12V Battery?

A. 2 cells

B. 6 cells

C. 9 cells

D. 12 cells

Q10 **CORRECT** What is the material of positive plate in the lead acid Battery?

A. Tin

B. Lead peroxide

C. Antimony

D. Spongy lead

Q11 **INCORRECT** What is the material of negative plate in the lead acid Battery?

A. Spongy lead

B. Tin

C. Antimony

D. Lead peroxide

Q12 **CORRECT** What is the colour of positive plates in the charged lead - acid - battery?

A. Grey

B. Brown

C. White

D. Black

Q13 **INCORRECT** How the lead acid Battery is classified?

A. Dry cell

B. Secondary cell

C. Alkaline cell

D. Primary cell

Q14 **CORRECT** Which part connects the petrol engine inlet manifold?

A. Air filter

B. Injector

C. Carburetor

D. Fuel pump

Q15 **CORRECT** What is the material of inlet manifold?

A. Brass

B. Bronze

C. Stainless steel

D. Aluminium alloy

Q16 **CORRECT** Which component is related to exhaust system?

A. Muffler

B. Air filter

C. Carburetor

D. Injection pump

Q17 **CORRECT** Which is related to pneumatic system?

A. Steam

B. Electric

C. Compressed air

D. Pressurized water

Q18 **INCORRECT** Where is the turbocharger mounted?

A. Air filter

B. Inlet manifold

C. Cylinder head

D. Exhaust manifold

Q19 **CORRECT** What is the material of exhaust manifold?

A. Brass

B. Bronze

C. Cast iron

D. Steel alloy

Q20 **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

Q21 **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

Q22 **CORRECT** Which process is taken place in catalytic convertor?

A. Thermal

B. Physical

C. Chemical

D. Biological

Q23 **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

Q24 **CORRECT** How does a turbocharger get drive?

A. By belt

B. By gear

C. By inlet gas

D. By exhaust gas

Q25 **INCORRECT** 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

Q26 **CORRECT** Which type of filter element is fitted in dry type air cleaner?

A. Cloth

B. Paper

C. Strainer

D. Wire mesh

Q27 **CORRECT** 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

Q28 **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

Q29 **CORRECT** Where the catalytic converters are used?

A. Fuel system

B. Inlet system

C. Exhaust system

D. Lubrication system

Q30 **INCORRECT** What is the purpose of catalytic converter?

A. Control the noise

B. Control the emission

C. Control the temperature

D. Control the fuel consumption

Q31 **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

Q32 **INCORRECT** 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

Q33 **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

Q34 **INCORRECT** Which metal in the fuel is to be avoided while fitting catalytic convertor?

- A. Tin
- B. Lead
- C. Chromium
- D. Phosphorus