

ITI Quiz - 15-Apr-2026

06:55 PM

Q. ID: ITISKILL5529GI

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. Which one of the following acts as a flame arrester during engine back fire?

- A) Air filter
- B) Muffler
- C) Oil filter
- D) Fuel filter

Answer: A) Air filter

2. Which process is taken place in catalytic convertor?

- A) Thermal
- B) Biological
- C) Physical
- D) Chemical

Answer: D) Chemical

3. What is the material of inlet manifold?

- A) Brass
- B) Aluminium alloy
- C) Bronze
- D) Stainless steel

Answer: B) Aluminium alloy

4. What is the purpose of the muffler in the exhaust system?

- A) To reduce the vibration
- B) To reduce the heat
- C) To filter the exhaust gases
- D) To reduce the noise

Answer: D) To reduce the noise

5. What is the reason to decrease the volumetric efficiency in exhaust system?

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

Answer: C) Excessive back pressure

6. Which type of muffler is fitted with sensors and microphone ?

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

Answer: D) Electronic type

7. Where the catalytic converter is fitted?

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

Answer: A) Between exhaust pipe and muffler

8. Which metal in the fuel is to be avoided while fitting catalytic convertor?

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

Answer: D) Lead

9. Where the exhaust system muffler is connected?

- A) Between engine head and exhaust manifold
- B) Between tail pipe and exhaust manifold
- C) Between exhaust pipe and exhaust manifold
- D) Between exhaust pipe and tail pipe

Answer: D) Between exhaust pipe and tail pipe

10. How does a turbocharger get drive?

- A) By exhaust gas
- B) By inlet gas
- C) By gear
- D) By belt

Answer: A) By exhaust gas

11. What is the purpose of catalytic converter?

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

Answer: D) Control the emission

12. Where the catalytic converters are used?

- A) Exhaust system
- B) Lubrication system
- C) Fuel system
- D) Inlet system

Answer: A) Exhaust system

13. Which type of muffler produces anti noise without restricting exhaust flow?

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

Answer: A) Electronic type

14. Which part connects the petrol engine inlet manifold?

- A) Fuel pump
- B) Air filter
- C) Injector
- D) Carburetor

Answer: D) Carburetor

15. Where is the turbocharger mounted?

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

Answer: A) Exhaust manifold

16. Which is related to pneumatic system?

- A) Pressurized water
- B) Electric

