

# ITI Quiz - 25-Apr-2026

## 07:14 PM

Q. ID: ITISKILL6827HH

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

Q.ID: ITISKILL6827HH

1. Where the catalytic converter is fitted?

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

**Answer: B) Between exhaust pipe and muffler**

2. Which is related to pneumatic system?

- A) Steam  
B) Compressed air  
C) Pressurized water  
D) Electric

**Answer: B) Compressed air**

3. What is the purpose of catalytic converter?

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

**Answer: B) Control the emission**

4. Where the exhaust system muffler is connected?

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

5. Which component is related to exhaust system?

- A) Muffler  
B) Injection pump  
C) Carburetor  
D) Air filter

**Answer: A) Muffler**

6. Which are the materials commonly used in the catalytic converter?

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

**Answer: B) Palladium and platinum**

7. How does a turbocharger get drive?

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

**Answer: A) By exhaust gas**

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

- A) Oil filter  
B) Fuel filter

C) Air filter

D) Muffler

**Answer: C) Air filter**

9. Which metal in the fuel is to be avoided while fitting catalytic converter?

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

**Answer: A) Lead**

10. Which part connects the petrol engine inlet manifold?

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

**Answer: B) Carburetor**

11. Which process is taken place in catalytic converter?

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

**Answer: D) Chemical**

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

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

**Answer: A) Electronic type**

13. What is the purpose of the turbo charger?

- A) Pump more air into the cylinder  
B) Filter the exhaust gas  
C) Scavenging  
D) Save power

**Answer: A) Pump more air into the cylinder**

14. Where is the turbocharger mounted?

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

**Answer: A) Exhaust manifold**

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

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

**Answer: B) Excessive back pressure**

16. Which type of filter element is fitted in dry type air cleaner?

- A) Wire mesh
- C) Cloth

- B) Paper
- D) Strainer

**Answer: B) Paper**

---

**17.** What is the material of exhaust manifold?

- A) Cast iron
- C) Bronze

- B) Steel alloy
- D) Brass

**Answer: A) Cast iron**

---

**18.** Where the catalytic converters are used?

- A) Exhaust system
- C) Fuel system

- B) Lubrication system
- D) Inlet system

**Answer: A) Exhaust system**

---

**19.** What is the purpose of the muffler in the exhaust system?

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

**Answer: D) To reduce the noise**

---

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

- A) Straight through type
- C) Electronic type

- B) Resonance type
- D) Reverse flow type

**Answer: C) Electronic type**

---

**21.** What is the material of inlet manifold?

- A) Aluminium alloy
- C) Stainless steel

- B) Brass
- D) Bronze

**Answer: A) Aluminium alloy**

---