

# ITI Quiz - 22-Apr-2026

## 12:31 PM

Q. ID: ITISKILL7351AP

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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

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

**Answer: A) Lead**

2. Which component is related to exhaust system?

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

**Answer: D) Muffler**

3. Where is the turbocharger mounted?

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

**Answer: A) Exhaust manifold**

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

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

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

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

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

**Answer: C) Air filter**

6. What is the purpose of catalytic converter?

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

**Answer: A) Control the emission**

7. What is the purpose of the turbo charger?

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

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

8. Where the exhaust system muffler is connected?

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

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

9. Which is related to pneumatic system?

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

**Answer: B) Compressed air**

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

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

**Answer: A) Electronic type**

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

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

**Answer: A) Electronic type**

12. Where the catalytic converter is fitted?

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

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

13. How does a turbocharger get drive?

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

**Answer: A) By exhaust gas**

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

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

**Answer: B) Excessive back pressure**

15. What is the material of inlet manifold?

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

**Answer: B) Aluminium alloy**

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

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

**Answer: C) Palladium and platinum**

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**17.** Which process is taken place in catalytic convertor?

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

**Answer: A) Chemical**

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**18.** Which part connects the petrol engine inlet manifold?

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

**Answer: C) Carburetor**

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**19.** Which type of filter element is fitted in dry type air

cleaner?

- A) Wire mesh                    B) Cloth  
C) Paper                         D) Strainer

**Answer: C) Paper**

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

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

**Answer: C) Exhaust system**

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

- A) Cast iron                      B) Bronze  
C) Brass                         D) Steel alloy

**Answer: A) Cast iron**

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