

# ITI Quiz - 01-Apr-2026

## 06:12 PM

Q. ID: ITISKILL1472DG

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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

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

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

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

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

**Answer: D) Palladium and platinum**

3. Where the catalytic converters are used?

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

**Answer: A) Exhaust system**

4. What is the purpose of catalytic converter?

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

**Answer: D) Control the emission**

5. What is the purpose of the turbo charger?

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

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

6. Which part connects the petrol engine inlet manifold?

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

**Answer: B) Carburetor**

7. Which is related to pneumatic system?

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

**Answer: D) Compressed air**

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

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

**Answer: B) Electronic type**

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

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

**Answer: C) Lead**

10. Where is the turbocharger mounted?

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

**Answer: D) Exhaust manifold**

11. Which process is taken place in catalytic convertor?

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

**Answer: B) Chemical**

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

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

**Answer: D) Excessive back pressure**

13. 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**

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

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

**Answer: D) Electronic type**

15. Which component is related to exhaust system?

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

**Answer: B) Muffler**

16. 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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**17.** What is the material of inlet manifold?

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

**Answer: C) Aluminium alloy**

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**18.** How does a turbocharger get drive?

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

**Answer: C) By exhaust gas**

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

- A) Air filter
- B) Oil filter

C) Muffler

D) Fuel filter

**Answer: A) Air filter**

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**20.** Where the catalytic converter is fitted?

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

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

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

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

**Answer: A) Cast iron**

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