

# ITI Quiz - 30-Apr-2026

## 11:16 AM

Q. ID: ITISKILL7725PL

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. Which component is related to exhaust system?

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

Answer: D) Muffler

2. What is the material of inlet manifold?

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

Answer: D) Aluminium alloy

3. 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

Answer: A) Between exhaust pipe and tail pipe

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

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

Answer: B) Paper

5. 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

6. Where is the turbocharger mounted?

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

Answer: C) Exhaust manifold

7. What is the material of exhaust manifold?

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

Answer: B) Cast iron

8. How does a turbocharger get drive?

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

Answer: C) By exhaust gas

9. Which process is taken place in catalytic convertor?

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

Answer: D) Chemical

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

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

Answer: A) Lead

11. 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

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

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

Answer: D) Palladium and platinum

13. Where the catalytic converters are used?

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

Answer: C) Exhaust system

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

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

Answer: A) Air filter

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

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

Answer: A) Excessive back pressure

16. 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**

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

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

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

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

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

**Answer: D) Electronic type**

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**19.** Which is related to pneumatic system?

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

**Answer: D) Compressed air**

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**20.** What is the purpose of catalytic converter?

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

**Answer: D) Control the emission**

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

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

**Answer: A) Carburetor**

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