

# ITI Quiz - 02-Apr-2026

## 07:29 PM

Q. ID: ITISKILL1302DH

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. What is the purpose of the turbo charger?

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

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

2. Which is related to pneumatic system?

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

**Answer: A) Compressed air**

3. Where is the turbocharger mounted?

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

**Answer: B) Exhaust manifold**

4. Which component is related to exhaust system?

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

**Answer: A) Muffler**

5. How does a turbocharger get drive?

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

**Answer: D) By exhaust gas**

6. What is the purpose of catalytic converter?

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

**Answer: A) Control the emission**

7. Which process is taken place in catalytic convertor?

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

**Answer: D) Chemical**

8. What is the material of exhaust manifold?

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

**Answer: D) Cast iron**

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

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

**Answer: C) Paper**

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

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

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

11. Where the exhaust system muffler is connected?

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

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

12. Where the catalytic converters are used?

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

**Answer: B) Exhaust system**

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

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

**Answer: C) Lead**

14. Where the catalytic converter is fitted?

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

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

15. What is the material of inlet manifold?

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

**Answer: C) Aluminium alloy**

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

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

**Answer: B) Air filter**

17. Which part connects the petrol engine inlet manifold?

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

**Answer: D) Carburetor**

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

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

**Answer: A) Palladium and platinum**

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

- A) Low temperature
- B) Low noise

- C) High temperature
- D) Excessive back pressure

**Answer: D) Excessive back pressure**

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

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

**Answer: B) Electronic type**

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

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

**Answer: A) Electronic type**

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