

# ITI Quiz - 01-May-2026

## 07:32 PM

Q. ID: ITISKILL3700HJ

May 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

1. 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

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

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

3. How does a turbocharger get drive?

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

4. What is the material of inlet manifold?

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

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

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

6. Where the catalytic converters are used?

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

7. What is the material of exhaust manifold?

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

8. Which is related to pneumatic system?

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

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

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

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

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

11. Where is the turbocharger mounted?

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

12. What is the purpose of the turbo charger?

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

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

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

14. Which part connects the petrol engine inlet manifold?

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

15. Which process is taken place in catalytic convertor?

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

16. Which component is related to exhaust system?

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

17. Where the exhaust system muffler is connected?

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

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

- A) Resonance type
- B) Reverse flow type

C) Electronic type

D) Straight through type

19. Where the catalytic converter is fitted?

A) Between muffler and tail pipe

B) Between exhaust pipe and muffler

C) Between tail pipe and resonator pipe

D) Between engine head and exhaust manifold

20. What is the reason to decrease the volumetric efficiency

in exhaust system?

A) High temperature

B) Low temperature

C) Excessive back pressure

D) Low noise

21. What is the purpose of catalytic converter?

A) Control the emission

B) Control the fuel consumption

C) Control the noise

D) Control the temperature