

# ITI Quiz - 29-Apr-2026

## 12:57 PM

Q. ID: ITISKILL0771CP

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

ID: ITISKILL0771CP

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

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

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

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

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

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

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

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

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

5. Which component is related to exhaust system?

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

6. Which part connects the petrol engine inlet manifold?

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

7. What is the purpose of the turbo charger?

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

8. 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

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

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

10. What is the material of inlet manifold?

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

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

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

12. Where the catalytic converters are used?

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

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

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

14. What is the purpose of catalytic converter?

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

15. Where is the turbocharger mounted?

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

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

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

17. What is the material of exhaust manifold?

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

18. Which process is taken place in catalytic convertor?

- A) Physical
- C) Chemical

- B) Thermal
- D) Biological

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**19.** 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

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

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

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

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