

# ITI Quiz - 28-Apr-2026

## 12:29 PM

Q. ID: ITISKILL3732TR

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

ID: ITISKILL3732TR

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

1. 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

C) Paper

D) Strainer

2. Which process is taken place in catalytic convertor?

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

10. How does a turbocharger get drive?

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

3. Which part connects the petrol engine inlet manifold?

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

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

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

4. Where the exhaust system muffler is connected?

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

12. Where the catalytic converters are used?

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

5. Which component is related to exhaust system?

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

13. Where is the turbocharger mounted?

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

6. Which is related to pneumatic system?

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

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

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

7. 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

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

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

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

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

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

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

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

- A) Cloth  
B) Wire mesh

17. What is the material of exhaust manifold?

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

18. What is the purpose of the turbo charger?

- A) Save power
  - B) Scavenging
  - C) Filter the exhaust gas
  - D) Pump more air into the cylinder
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**19.** What is the material of inlet manifold?

- A) Brass
  - B) Stainless steel
  - C) Bronze
  - D) Aluminium alloy
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**20.** What is the purpose of the muffler in the exhaust system?

- A) To reduce the heat
  - B) To reduce the noise
  - C) To filter the exhaust gases
  - D) To reduce the vibration
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**21.** What is the purpose of catalytic converter?

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