

# ITI Quiz - 30-Apr-2026

## 11:48 AM

Q. ID: ITISKILL7480ZK

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

ID: ITISKILL7480ZK

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

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

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

2. What is the material of exhaust manifold?

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

3. How does a turbocharger get drive?

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

4. Which is related to pneumatic system?

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

5. Where the catalytic converter is fitted?

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

6. Which part connects the petrol engine inlet manifold?

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

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

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

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

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

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

- A) Baffle type      B) Electronic type

- C) Straight through type      D) Reverse flow type

10. Where the exhaust system muffler is connected?

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

11. Which process is taken place in catalytic convertor?

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

12. 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

13. What is the material of inlet manifold?

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

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

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

15. Which component is related to exhaust system?

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

16. Where is the turbocharger mounted?

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

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

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

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

- A) Straight through type
  - B) Resonance type
  - C) Electronic type
  - D) Reverse flow type
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**19.** What is the purpose of catalytic converter?

- A) Control the noise
  - B) Control the fuel consumption
  - C) Control the emission
  - D) Control the temperature
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**20.** Where the catalytic converters are used?

- A) Inlet system
  - B) Exhaust system
  - C) Lubrication system
  - D) Fuel system
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**21.** Which type of filter element is fitted in dry type air cleaner?

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