

ITI Quiz - 23-Apr-2026

11:35 AM

Q. ID: ITISKILL542075

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. Where the catalytic converters are used?

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

2. Which part connects the petrol engine inlet manifold?

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

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

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

4. 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

5. What is the material of inlet manifold?

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

6. Where the exhaust system muffler is connected?

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

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

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

8. Where is the turbocharger mounted?

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

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

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

10. 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

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

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

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

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

13. Which is related to pneumatic system?

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

14. Which component is related to exhaust system?

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

15. What is the material of exhaust manifold?

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

16. What is the purpose of the turbo charger?

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

17. How does a turbocharger get drive?

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

18. Where the catalytic converter is fitted?

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

C) Between exhaust pipe and muffler
D) Between tail pipe and resonator pipe

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

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

20. Which process is taken place in catalytic convertor?

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

21. What is the purpose of catalytic converter?

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