

ITI Quiz - 23-Apr-2026

12:04 PM

Q. ID: ITISKILL6088ZH

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. How does a turbocharger get drive?

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

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

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

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

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

4. Which process is taken place in catalytic convertor?

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

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

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

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

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

7. Where is the turbocharger mounted?

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

8. What is the purpose of catalytic converter?

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

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

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

10. Which is related to pneumatic system?

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

11. Where the exhaust system muffler is connected?

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

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

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

13. What is the purpose of the turbo charger?

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

14. Which component is related to exhaust system?

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

15. What is the material of inlet manifold?

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

16. Where the catalytic converter is fitted?

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

17. 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

18. Where the catalytic converters are used?

A) Lubrication system

B) Inlet system

C) Fuel system

D) Exhaust system

19. Which part connects the petrol engine inlet manifold?

A) Injector

B) Carburetor

C) Fuel pump

D) Air filter

20. What is the reason to decrease the volumetric efficiency

in exhaust system?

A) Excessive back pressure

B) Low noise

C) High temperature

D) Low temperature

21. What is the material of exhaust manifold?

A) Bronze

B) Steel alloy

C) Cast iron

D) Brass