

ITI Quiz - 01-Apr-2026

07:01 PM

Q. ID: ITISKILL9874NR

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

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

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

2. Which component is related to exhaust system?

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

3. How does a turbocharger get drive?

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

4. Which part connects the petrol engine inlet manifold?

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

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

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

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

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

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

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

8. What is the purpose of catalytic converter?

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

9. Which is related to pneumatic system?

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

10. 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

11. Where the catalytic converters are used?

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

12. What is the purpose of the turbo charger?

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

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

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

14. Where is the turbocharger mounted?

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

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

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

16. What is the material of exhaust manifold?

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

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

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

18. What is the material of inlet manifold?

- A) Brass
- B) Aluminium alloy

C) Bronze

D) Stainless steel

A) To reduce the noise

B) To filter the exhaust gases

C) To reduce the vibration

D) To reduce the heat

19. Which process is taken place in catalytic convertor?

A) Physical

B) Biological

C) Thermal

D) Chemical

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

21. 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