

ITI Quiz - 09-Apr-2026

06:19 PM

Q. ID: ITISKILL1643WT

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

C) Biological

D) Thermal

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

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

3. What is the purpose of the turbo charger?

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

4. Where the catalytic converter is fitted?

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

5. What is the purpose of catalytic converter?

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

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

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

7. Which is related to pneumatic system?

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

8. What is the material of inlet manifold?

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

9. Which process is taken place in catalytic convertor?

- A) Chemical
- B) Physical

10. Which component is related to exhaust system?

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

11. Where is the turbocharger mounted?

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

12. Which part connects the petrol engine inlet manifold?

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

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

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

14. How does a turbocharger get drive?

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

15. What is the material of exhaust manifold?

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

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

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

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

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

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

- A) Fuel filter
- B) Muffler

C) Oil filter

D) Air filter

19. Where the exhaust system muffler is connected?

A) Between engine head and exhaust manifold

B) Between tail pipe and exhaust manifold

C) Between exhaust pipe and tail pipe

D) Between exhaust pipe and exhaust manifold

20. Which are the materials commonly used in the catalytic

converter?

A) Asbestos and ceramics

B) Palladium and platinum

C) Chromium and vanadium

D) Zinc and molybdenum

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

A) Straight through type

B) Electronic type

C) Reverse flow type

D) Baffle type