

ITI Quiz - 29-Apr-2026

07:11 PM

Q. ID: ITISKILL0359JC

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

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 is related to pneumatic system?

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

4. Where the catalytic converter is fitted?

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

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

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

6. Where is the turbocharger mounted?

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

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

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

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

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

9. What is the material of inlet manifold?

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

10. Which process is taken place in catalytic convertor?

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

11. How does a turbocharger get drive?

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

12. Which part connects the petrol engine inlet manifold?

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

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

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

14. What is the purpose of catalytic converter?

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

15. What is the material of exhaust manifold?

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

16. Which component is related to exhaust system?

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

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

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

18. What is the purpose of the turbo charger?

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

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

- A) To reduce the heat B) To reduce the vibration
C) To filter the exhaust gases D) To reduce the noise
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20. Where the exhaust system muffler is connected?

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

C) Between tail pipe and exhaust manifold

D) Between exhaust pipe and exhaust manifold

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

A) Oil filter

B) Fuel filter

C) Air filter

D) Muffler
