

ITI Quiz - 29-Apr-2026

12:34 PM

Q. ID: ITISKILL9913TX

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. What is the material of inlet manifold?

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

2. What is the purpose of the turbo charger?

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

3. Which process is taken place in catalytic convertor?

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

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

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

6. How does a turbocharger get drive?

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

7. Where the catalytic converters are used?

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

8. What is the material of exhaust manifold?

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

9. Where the exhaust system muffler is connected?

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

C) Between exhaust pipe and tail pipe D) Between exhaust pipe and exhaust manifold

10. 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

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

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

12. Where is the turbocharger mounted?

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

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

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

14. 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

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

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

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

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

17. Which component is related to exhaust system?

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

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

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

19. What is the purpose of catalytic converter?

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

20. Which part connects the petrol engine inlet manifold?

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

21. Which is related to pneumatic system?

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