

ITI Quiz - 29-Apr-2026

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Q. ID: ITISKILL330204

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. 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 exhaust manifold
D) Between exhaust pipe and tail pipe

C) To reduce the noise
D) To filter the exhaust gases

2. Where is the turbocharger mounted?

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

10. Which component is related to exhaust system?

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

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

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

11. Which is related to pneumatic system?

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

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

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

12. 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

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

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

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

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

6. Where the catalytic converters are used?

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

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

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

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

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

15. Which process is taken place in catalytic convertor?

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

8. What is the material of inlet manifold?

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

16. Where the catalytic converter is fitted?

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

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

- A) To reduce the heat
B) To reduce the vibration

17. What is the material of exhaust manifold?

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

18. Which type of muffler produces anti noise without

restricting exhaust flow?

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

19. What is the purpose of catalytic converter?

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

20. Which part connects the petrol engine inlet manifold?

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

21. How does a turbocharger get drive?

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