

ITI Quiz - 07-Apr-2026

09:24 PM

Q. ID: ITISKILL8307TU

April 2026

Question Paper

Duration: 21 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. Which part connects the petrol engine inlet manifold?

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

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

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

3. What is the purpose of the turbo charger?

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

4. What is the material of exhaust manifold?

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

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

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

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

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

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

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

8. How does a turbocharger get drive?

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

9. What is the purpose of catalytic converter?

- A) Control the temperature
B) Control the emission

C) Control the noise

D) Control the fuel consumption

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

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

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

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

12. Which process is taken place in catalytic convertor?

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

13. Where the catalytic converters are used?

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

14. Which component is related to exhaust system?

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

15. Which is related to pneumatic system?

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

16. Where the catalytic converter is fitted?

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

17. Where is the turbocharger mounted?

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

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

A) Strainer

B) Wire mesh

C) Cloth

D) Paper

19. Where the exhaust system muffler is connected?

A) Between exhaust pipe and exhaust manifold

B) Between engine head and exhaust manifold

C) Between tail pipe and exhaust manifold

D) Between exhaust pipe and tail pipe

20. What is the material of inlet manifold?

A) Aluminium alloy

B) Stainless steel

C) Bronze

D) Brass

21. 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