

ITI Quiz - 21-Apr-2026

01:12 PM

Q. ID: ITISKILL1574RV

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

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

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

2. Where the catalytic converters are used?

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

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

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

4. What is the purpose of catalytic converter?

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

5. Where is the turbocharger mounted?

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

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

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

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

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

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

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

9. What is the purpose of the turbo charger?

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

10. Which is related to pneumatic system?

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

11. What is the material of exhaust manifold?

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

12. Which part connects the petrol engine inlet manifold?

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

13. Where the exhaust system muffler is connected?

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

14. Which process is taken place in catalytic convertor?

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

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

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

16. How does a turbocharger get drive?

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

17. Where the catalytic converter is fitted?

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

18. What is the material of inlet manifold?

- A) Brass B) Stainless steel

C) Bronze

D) Aluminium alloy

A) Muffler

B) Air filter

C) Carburetor

D) Injection pump

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

A) Excessive back pressure

B) Low temperature

C) High temperature

D) Low noise

20. Which component is related to exhaust system?

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

A) Chromium

B) Tin

C) Phosphorus

D) Lead