

ITI Quiz - 01-Apr-2026

06:12 PM

Q. ID: ITISKILL1472DG

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

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

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

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

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

3. Which is related to pneumatic system?

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

4. Which component is related to exhaust system?

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

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

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

6. Where the catalytic converters are used?

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

7. Where is the turbocharger mounted?

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

8. Where the catalytic converter is fitted?

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

9. Which part connects the petrol engine inlet manifold?

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

10. What is the material of inlet manifold?

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

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

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

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

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

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

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

14. What is the material of exhaust manifold?

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

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

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

16. What is the purpose of catalytic converter?

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

17. How does a turbocharger get drive?

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

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

- A) Chromium and vanadium B) Palladium and platinum

C) Zinc and molybdenum D) Asbestos and ceramics

19. Where the exhaust system muffler is connected?

- A) Between exhaust pipe and exhaust manifold B) Between tail pipe and exhaust manifold
C) Between exhaust pipe and tail pipe D) Between engine head and exhaust manifold
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20. Which process is taken place in catalytic convertor?

- A) Chemical B) Biological
C) Thermal D) Physical
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21. What is the purpose of the turbo charger?

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