

ITI Quiz - 25-Apr-2026

07:06 PM

Q. ID: ITISKILL8689MR

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. Which component is related to exhaust system?

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

2. What is the material of exhaust manifold?

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

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

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

4. Which process is taken place in catalytic convertor?

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

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

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

6. What is the purpose of catalytic converter?

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

7. How does a turbocharger get drive?

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

8. Which part connects the petrol engine inlet manifold?

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

9. 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

10. 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

11. Where the catalytic converter is fitted?

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

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

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

13. Where the catalytic converters are used?

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

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

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

15. What is the material of inlet manifold?

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

16. Which is related to pneumatic system?

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

17. Where is the turbocharger mounted?

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

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

- A) Straight through type B) Reverse flow type
C) Electronic type D) Resonance type
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19. 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
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20. Which metal in the fuel is to be avoided while fitting

catalytic convertor?

- A) Lead B) Chromium
C) Tin D) Phosphorus
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21. What is the purpose of the turbo charger?

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