

ITI Quiz - 02-Apr-2026

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Q. ID: ITISKILL110693

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. Which part connects the petrol engine inlet manifold?

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

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

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

3. What is the purpose of the turbo charger?

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

4. How does a turbocharger get drive?

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

5. What is the material of exhaust manifold?

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

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

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

7. What is the material of inlet manifold?

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

8. Which component is related to exhaust system?

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

9. Where the exhaust system muffler is connected?

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

10. What is the purpose of catalytic converter?

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

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

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

12. Which is related to pneumatic system?

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

13. Where the catalytic converter is fitted?

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

14. Which process is taken place in catalytic convertor?

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

15. 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

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

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

17. Where the catalytic converters are used?

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

18. 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
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19. Where is the turbocharger mounted?

- A) Cylinder head B) Exhaust manifold
 - C) Air filter D) Inlet manifold
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20. What is the reason to decrease the volumetric efficiency

in exhaust system?

- A) Low temperature B) Low noise
 - C) Excessive back pressure D) High temperature
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21. Which are the materials commonly used in the catalytic converter?

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