

ITI Quiz - 26-Apr-2026

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Q. ID: ITISKILL4542A3

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

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

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

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

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

3. Where the exhaust system muffler is connected?

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

4. Where is the turbocharger mounted?

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

5. What is the material of exhaust manifold?

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

6. Where the catalytic converters are used?

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

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

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

8. What is the purpose of the turbo charger?

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

9. Which part connects the petrol engine inlet manifold?

- A) Fuel pump
- B) Injector

- C) Air filter
- D) Carburetor

10. How does a turbocharger get drive?

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

11. Which process is taken place in catalytic convertor?

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

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

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

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

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

14. What is the material of inlet manifold?

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

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

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

16. What is the purpose of catalytic converter?

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

17. Where the catalytic converter is fitted?

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

18. Which component is related to exhaust system?

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

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

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

20. 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

21. Which is related to pneumatic system?

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