

ITI Quiz - 01-Apr-2026

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Q. ID: ITISKILL9899AC

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

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

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

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

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

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

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

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

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

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

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

6. Which is related to pneumatic system?

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

7. What is the material of inlet manifold?

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

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

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

9. Where the catalytic converter is fitted?

- A) Between exhaust pipe and muffler
- B) Between engine head and exhaust manifold

- C) Between muffler and tail pipe
- D) Between tail pipe and resonator pipe

10. Which process is taken place in catalytic convertor?

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

11. What is the material of exhaust manifold?

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

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

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

13. Where the exhaust system muffler is connected?

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

14. Where the catalytic converters are used?

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

15. What is the purpose of catalytic converter?

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

16. Where is the turbocharger mounted?

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

17. How does a turbocharger get drive?

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

18. Which component is related to exhaust system?

- A) Injection pump
- C) Air filter

- B) Carburetor
- D) Muffler

19. What is the purpose of the turbo charger?

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

20. Which part connects the petrol engine inlet manifold?

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

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

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