

ITI Quiz - 25-Apr-2026

07:14 PM

Q. ID: ITISKILL6827HH

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

2. Which part connects the petrol engine inlet manifold?

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

3. Where the catalytic converters are used?

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

4. How does a turbocharger get drive?

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

5. Where the catalytic converter is fitted?

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

6. Where the exhaust system muffler is connected?

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

7. What is the purpose of the turbo charger?

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

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

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

9. 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

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

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

11. Which is related to pneumatic system?

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

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

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

13. What is the material of exhaust manifold?

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

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

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

15. Where is the turbocharger mounted?

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

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

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

17. What is the material of inlet manifold?

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

18. What is the purpose of catalytic converter?

