

ITI Quiz - 25-Apr-2026

07:18 PM

Q. ID: ITISKILL4900ZK

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 20

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Student Name: _____ Roll No: _____

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

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

2. Where is the turbocharger mounted?

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

3. Which part connects the petrol engine inlet manifold?

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

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

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

5. Where the catalytic converters are used?

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

6. Which is related to pneumatic system?

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

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

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

8. What is the purpose of catalytic converter?

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

9. What is the material of inlet manifold?

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

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

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

11. What is the purpose of the turbo charger?

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

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

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

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

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

14. Which component is related to exhaust system?

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

15. Which process is taken place in catalytic convertor?

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

16. Where the exhaust system muffler is connected?

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

17. What is the material of exhaust manifold?

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

18. 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

19. Where the catalytic converter is fitted?

A) Between tail pipe and resonator pipe B) Between exhaust pipe and muffler

C) Between engine head and exhaust manifold D) Between muffler and tail pipe

20. How does a turbocharger get drive?

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