

ITI Quiz - 26-Apr-2026

07:17 PM

Q. ID: ITISKILL4178TO

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

ID: ITISKILL4178TO

Student Name: _____ Roll No: _____

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

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

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

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

3. 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

4. What is the purpose of the turbo charger?

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

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

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

6. Which is related to pneumatic system?

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

7. What is the material of inlet manifold?

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

8. Which part connects the petrol engine inlet manifold?

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

9. What is the purpose of catalytic converter?

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

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

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

11. Where the exhaust system muffler is connected?

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

12. Which component is related to exhaust system?

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

13. 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

14. Where the catalytic converters are used?

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

15. How does a turbocharger get drive?

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

16. What is the material of exhaust manifold?

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

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

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

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

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

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

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

20. Where is the turbocharger mounted?

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

21. Which process is taken place in catalytic convertor?

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