

# ITI Quiz - 25-Apr-2026

## 07:18 PM

Q. ID: ITISKILL6890JK

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 20

ID: ITISKILL6890JK

Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

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

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

2. Where the catalytic converters are used?

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

3. Which process is taken place in catalytic convertor?

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

4. Which is related to pneumatic system?

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

5. Where is the turbocharger mounted?

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

6. Which component is related to exhaust system?

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

7. Where the catalytic converter is fitted?

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

8. What is the purpose of catalytic converter?

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

9. How does a turbocharger get drive?

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

10. 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

11. Where the exhaust system muffler is connected?

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

12. What is the material of inlet manifold?

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

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

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

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

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

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

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

16. What is the material of exhaust manifold?

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

17. What is the purpose of the turbo charger?

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

18. Which part connects the petrol engine inlet manifold?

- A) Injector
- B) Fuel pump

C) Carburetor

D) Air filter

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

A) Strainer

B) Paper

C) Wire mesh

D) Cloth

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

A) Baffle type

B) Electronic type

C) Straight through type

D) Reverse flow type