

# ITI Quiz - 06-Apr-2026

## 09:16 PM

Q. ID: ITISKILL6676F3

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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

1. Which is related to pneumatic system?

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

2. Where the catalytic converter is fitted?

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

3. Which part connects the petrol engine inlet manifold?

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

4. What is the material of exhaust manifold?

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

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

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

6. 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

7. Which component is related to exhaust system?

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

8. What is the purpose of catalytic converter?

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

9. Which process is taken place in catalytic converter?

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

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

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

11. 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

12. Where the exhaust system muffler is connected?

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

13. Which metal in the fuel is to be avoided while fitting catalytic converter?

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

14. 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

15. Where is the turbocharger mounted?

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

16. What is the material of inlet manifold?

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

17. How does a turbocharger get drive?

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

18. Where the catalytic converters are used?

- A) Exhaust system
- B) Fuel system

C) Inlet system

D) Lubrication system

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

A) Low noise

B) Low temperature

C) Excessive back pressure

D) High temperature

20. Which type of muffler is fitted with sensors and

microphone ?

A) Straight through type

B) Resonance type

C) Electronic type

D) Reverse flow type

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

A) To filter the exhaust gases

B) To reduce the heat

C) To reduce the vibration

D) To reduce the noise