

ITI Quiz - 15-Apr-2026

06:55 PM

Q. ID: ITISKILL5529GI

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

ID: ITISKILL5529GI

Student Name: _____ Roll No: _____

1. What is the material of exhaust manifold?

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

2. Which is related to pneumatic system?

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

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

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

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

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

5. What is the purpose of the turbo charger?

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

6. Which component is related to exhaust system?

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

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

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

8. What is the material of inlet manifold?

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

9. Which process is taken place in catalytic convertor?

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

10. Where the catalytic converters are used?

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

11. Where the catalytic converter is fitted?

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

12. Where is the turbocharger mounted?

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

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

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

14. What is the purpose of catalytic converter?

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

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

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

16. Which part connects the petrol engine inlet manifold?

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

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

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

18. How does a turbocharger get drive?

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

19. Where the exhaust system muffler is connected?

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

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

- A) Chromium
- C) Tin

- B) Phosphorus
- D) Lead

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

- A) Paper
- C) Strainer

- B) Cloth
 - D) Wire mesh
-