

ITI Quiz - 25-Apr-2026

07:14 PM

Q. ID: ITISKILL6064SP

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. What is the purpose of the turbo charger?

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

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

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

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

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

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

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

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

11. Which process is taken place in catalytic convertor?

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

4. Which component is related to exhaust system?

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

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

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

5. Where the catalytic converter is fitted?

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

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

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

6. Where the catalytic converters are used?

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

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

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

7. Where the exhaust system muffler is connected?

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

15. What is the material of inlet manifold?

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

8. How does a turbocharger get drive?

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

16. Which is related to pneumatic system?

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

9. What is the material of exhaust manifold?

17. Where is the turbocharger mounted?

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

18. What is the purpose of catalytic converter?

- A) Control the noise
- C) Control the fuel consumption

- B) Control the temperature
- D) Control the emission

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

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

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

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

21. Which part connects the petrol engine inlet manifold?

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