

ITI Quiz - 02-May-2026

08:48 AM

Q. ID: ITISKILL0309YG

May 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. What is the purpose of catalytic converter?

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

2. Where is the turbocharger mounted?

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

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

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

4. 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

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

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

6. How does a turbocharger get drive?

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

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

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

8. Which part connects the petrol engine inlet manifold?

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

9. 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

10. Which is related to pneumatic system?

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

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

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

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

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

13. What is the material of inlet manifold?

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

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

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

15. Which component is related to exhaust system?

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

16. Where the exhaust system muffler is connected?

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

17. Where the catalytic converters are used?

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

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

- A) Muffler
- C) Air filter

- B) Fuel filter
- D) Oil filter

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

- A) Electronic type
 - C) Baffle type
 - B) Reverse flow type
 - D) Straight through type
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20. Which process is taken place in catalytic convertor?

- A) Physical
 - C) Biological
 - B) Thermal
 - D) Chemical
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21. What is the material of exhaust manifold?

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