

ITI Quiz - 29-Apr-2026

12:36 PM

Q. ID: ITISKILL0734C3

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

ID: ITISKILL0734C3

Student Name: _____ Roll No: _____

1. Where is the turbocharger mounted?

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

2. What is the material of exhaust manifold?

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

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

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

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

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

5. What is the purpose of catalytic converter?

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

6. 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

7. Where the catalytic converters are used?

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

8. What is the material of inlet manifold?

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

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

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

10. 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

11. Which component is related to exhaust system?

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

12. 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

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

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

14. Which process is taken place in catalytic convertor?

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

15. What is the purpose of the turbo charger?

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

16. Which part connects the petrol engine inlet manifold?

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

17. Which is related to pneumatic system?

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

18. How does a turbocharger get drive?

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

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

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

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

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

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

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