

ITI Quiz - 30-Apr-2026

11:16 AM

Q. ID: ITISKILL7725PL

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

ID: ITISKILL7725PL

Student Name: _____ Roll No: _____

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

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

2. What is the purpose of catalytic converter?

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

3. Where is the turbocharger mounted?

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

4. Which process is taken place in catalytic convertor?

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

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

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

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

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

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

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

8. What is the material of inlet manifold?

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

9. Where the catalytic converters are used?

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

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

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

11. Where the exhaust system muffler is connected?

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

12. Where the catalytic converter is fitted?

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

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

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

14. 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

15. What is the purpose of the turbo charger?

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

16. Which part connects the petrol engine inlet manifold?

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

17. Which is related to pneumatic system?

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

18. Which component is related to exhaust system?

- A) Injection pump
- C) Air filter

- B) Muffler
- D) Carburetor

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

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

20. How does a turbocharger get drive?

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

21. What is the material of exhaust manifold?

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