

ITI Quiz - 29-Apr-2026

07:11 PM

Q. ID: ITISKILL8931P0

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

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

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

2. Which component is related to exhaust system?

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

3. Where the catalytic converters are used?

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

4. Where is the turbocharger mounted?

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

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

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

6. How does a turbocharger get drive?

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

7. 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 vibration
- D) To reduce the heat

8. Where the catalytic converter is fitted?

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

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

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

10. Which part connects the petrol engine inlet manifold?

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

11. What is the material of exhaust manifold?

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

12. 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

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

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

14. What is the purpose of the turbo charger?

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

15. Which process is taken place in catalytic convertor?

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

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

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

17. 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

18. Which is related to pneumatic system?

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

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

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

20. What is the material of inlet manifold?

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

21. What is the purpose of catalytic converter?

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