

ITI Quiz - 23-Apr-2026

11:39 AM

Q. ID: ITISKILL36658P

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. Where the catalytic converter is fitted?

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

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

2. Where the exhaust system muffler is connected?

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

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

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

3. Which component is related to exhaust system?

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

11. Which metal in the fuel is to be avoided while fitting catalytic converter?

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

4. 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

12. 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

5. Which part connects the petrol engine inlet manifold?

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

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

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

6. What is the purpose of catalytic converter?

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

14. What is the purpose of the turbo charger?

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

7. Which is related to pneumatic system?

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

15. What is the material of exhaust manifold?

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

8. Which process is taken place in catalytic converter?

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

16. 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

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

17. How does a turbocharger get drive?

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

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

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

19. What is the material of inlet manifold?

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

20. Where the catalytic converters are used?

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

21. Where is the turbocharger mounted?

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