

ITI Quiz - 26-Apr-2026

07:14 PM

Q. ID: ITISKILL7490WI

April 2026

Question Paper

Duration: 21 Mins

Total Marks: 21

ID: ITISKILL7490WI

Student Name: _____ Roll No: _____

1. How does a turbocharger get drive?

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

2. Which process is taken place in catalytic convertor?

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

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

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

4. Which component is related to exhaust system?

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

5. What is the material of inlet manifold?

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

6. Which is related to pneumatic system?

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

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

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

8. What is the purpose of catalytic converter?

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

9. Which part connects the petrol engine inlet manifold?

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

10. 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

11. Where is the turbocharger mounted?

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

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

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

13. Where the exhaust system muffler is connected?

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

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

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

15. Where the catalytic converter is fitted?

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

16. 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 vibration
- D) To reduce the noise

17. Where the catalytic converters are used?

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

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

- A) Lead
- C) Chromium

- B) Tin
- D) Phosphorus

19. What is the material of exhaust manifold?

- A) Bronze
- C) Steel alloy

- B) Cast iron
- D) Brass

20. Which type of muffler is fitted with sensors and

microphone ?

- A) Electronic type
- C) Reverse flow type

- B) Straight through type
- D) Resonance type

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

- A) Low noise
- C) Excessive back pressure

- B) High temperature
- D) Low temperature