

ITI Quiz - 02-Apr-2026

07:29 PM

Q. ID: ITISKILL1302DH

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

ID: ITISKILL1302DH

Student Name: _____ Roll No: _____

1. What is the material of exhaust manifold?

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

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

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

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

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

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

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

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

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

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

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

7. What is the material of inlet manifold?

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

8. How does a turbocharger get drive?

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

9. Which process is taken place in catalytic convertor?

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

10. Where the exhaust system muffler is connected?

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

11. Which part connects the petrol engine inlet manifold?

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

12. Where the catalytic converter is fitted?

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

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

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

14. Where is the turbocharger mounted?

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

15. Which component is related to exhaust system?

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

16. Which is related to pneumatic system?

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

17. What is the purpose of the turbo charger?

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

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

- A) Tin
- C) Lead

- B) Chromium
- D) Phosphorus

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

19. Where the catalytic converters are used?

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

21. What is the purpose of catalytic converter?

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

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