

ITI Quiz - 26-Apr-2026

07:13 PM

Q. ID: ITISKILL50965X

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. What is the material of exhaust manifold?

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

2. What is the material of inlet manifold?

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

3. How does a turbocharger get drive?

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

4. What is the purpose of the turbo charger?

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

5. Which component is related to exhaust system?

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

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

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

7. Which is related to pneumatic system?

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

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

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

9. What is the purpose of catalytic converter?

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

10. Which part connects the petrol engine inlet manifold?

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

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

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

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

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

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

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

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

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

15. Where is the turbocharger mounted?

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

16. Where the catalytic converter is fitted?

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

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

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

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

- A) Cloth
- C) Strainer

- B) Paper
- D) Wire mesh

- A) Inlet system
- C) Exhaust system

- B) Lubrication system
- D) Fuel system

19. Which process is taken place in catalytic convertor?

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

20. Where the catalytic converters are used?

21. Where the exhaust system muffler is connected?

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