

ITI Quiz - 23-Apr-2026

12:02 PM

Q. ID: ITISKILL81421M

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. Where is the turbocharger mounted?

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

2. 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

3. What is the purpose of the turbo charger?

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

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

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

5. Where the catalytic converters are used?

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

6. Which part connects the petrol engine inlet manifold?

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

7. 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

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

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

9. Which is related to pneumatic system?

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

10. What is the material of inlet manifold?

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

11. What is the material of exhaust manifold?

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

12. Which component is related to exhaust system?

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

13. Which process is taken place in catalytic convertor?

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

14. Where the exhaust system muffler is connected?

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

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

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

16. How does a turbocharger get drive?

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

17. Where the catalytic converter is fitted?

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

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

A) Chromium

B) Phosphorus

C) Tin

D) Lead

20. Which type of filter element is fitted in dry type air

cleaner?

A) Paper

B) Cloth

C) Strainer

D) Wire mesh

21. What is the purpose of catalytic converter?

A) Control the temperature

B) Control the emission

C) Control the fuel consumption

D) Control the noise