

ITI Quiz - 25-Apr-2026

07:22 PM

Q. ID: ITISKILL9715BK

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

ID: ITISKILL9715BK

Student Name: _____ Roll No: _____

1. 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

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

2. Which process is taken place in catalytic convertor?

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

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

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

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

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

11. What is the material of exhaust manifold?

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

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

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

12. What is the material of inlet manifold?

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

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

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

13. What is the purpose of the turbo charger?

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

6. What is the purpose of catalytic converter?

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

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

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

7. Which component is related to exhaust system?

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

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

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

8. Where the exhaust system muffler is connected?

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

16. How does a turbocharger get drive?

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

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

17. Which is related to pneumatic system?

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

18. Where the catalytic converters are used?

- A) Fuel system
- C) Exhaust system

- B) Inlet system
- D) Lubrication system

19. Which part connects the petrol engine inlet manifold?

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

20. Which metal in the fuel is to be avoided while fitting

catalytic convertor?

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

21. Where is the turbocharger mounted?

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