

ITI Quiz - 26-Apr-2026

07:19 PM

Q. ID: ITISKILL4180UM

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

ID: ITISKILL4180UM

Student Name: _____ Roll No: _____

1. Where is the turbocharger mounted?
A) Air filter
B) Exhaust manifold
C) Cylinder head
D) Inlet manifold
2. 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
3. Where the catalytic converters are used?
A) Lubrication system
B) Inlet system
C) Fuel system
D) Exhaust system
4. Which type of muffler produces anti noise without restricting exhaust flow?
A) Baffle type
B) Reverse flow type
C) Straight through type
D) Electronic type
5. Where the exhaust system muffler is connected?
A) Between tail pipe and exhaust manifold
B) Between engine head and exhaust manifold
C) Between exhaust pipe and exhaust manifold
D) Between exhaust pipe and tail pipe
6. Which process is taken place in catalytic convertor?
A) Chemical
B) Physical
C) Biological
D) Thermal
7. Which component is related to exhaust system?
A) Injection pump
B) Muffler
C) Air filter
D) Carburetor
8. What is the material of inlet manifold?
A) Stainless steel
B) Brass
C) Bronze
D) Aluminium alloy
9. What is the purpose of catalytic converter?
A) Control the noise
B) Control the fuel consumption
C) Control the emission
D) Control the temperature
10. Which metal in the fuel is to be avoided while fitting catalytic convertor?
A) Lead
B) Phosphorus
C) Chromium
D) Tin
11. Which type of muffler is fitted with sensors and microphone ?
A) Reverse flow type
B) Electronic type
C) Resonance type
D) Straight through type
12. Which part connects the petrol engine inlet manifold?
A) Injector
B) Fuel pump
C) Air filter
D) Carburetor
13. Which type of filter element is fitted in dry type air cleaner?
A) Strainer
B) Paper
C) Wire mesh
D) Cloth
14. What is the purpose of the turbo charger?
A) Scavenging
B) Filter the exhaust gas
C) Save power
D) Pump more air into the cylinder
15. Which are the materials commonly used in the catalytic converter?
A) Zinc and molybdenum
B) Chromium and vanadium
C) Palladium and platinum
D) Asbestos and ceramics
16. 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
17. Which is related to pneumatic system?
A) Pressurized water
B) Electric
C) Steam
D) Compressed air

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

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

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

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

20. What is the material of exhaust manifold?

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

21. How does a turbocharger get drive?

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