

ITI Quiz - 30-Apr-2026

11:41 AM

Q. ID: ITISKILL0647TU

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. What is the material of inlet manifold?

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

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

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

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

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

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

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

5. Where the exhaust system muffler is connected?

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

6. Where the catalytic converters are used?

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

7. 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

8. How does a turbocharger get drive?

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

9. 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

10. Where is the turbocharger mounted?

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

11. What is the material of exhaust manifold?

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

12. Which process is taken place in catalytic convertor?

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

13. Which is related to pneumatic system?

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

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

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

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

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

16. Which part connects the petrol engine inlet manifold?

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

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

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

18. What is the purpose of the turbo charger?

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

19. What is the purpose of catalytic converter?

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

20. Which component is related to exhaust system?

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

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

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