

ITI Quiz - 05-May-2026

06:35 AM

Q. ID: ITISKILL2452OU

May 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

ID: ITISKILL2452OU

Student Name: _____ Roll No: _____

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

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

2. How does a turbocharger get drive?

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

3. Which component is related to exhaust system?

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

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 catalytic converter is fitted?

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

6. Where the catalytic converters are used?

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

7. What is the material of inlet manifold?

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

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

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

9. Which part connects the petrol engine inlet manifold?

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

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

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

11. What is the purpose of catalytic converter?

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

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

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

13. Where the exhaust system muffler is connected?

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

14. 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

15. What is the purpose of the turbo charger?

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

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

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

17. Where is the turbocharger mounted?

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

18. Which is related to pneumatic system?

- A) Compressed air
- C) Electric

- B) Steam
- D) Pressurized water

19. Which process is taken place in catalytic convertor?

- A) Physical
- C) Chemical

- B) Biological
- D) Thermal

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

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

21. What is the material of exhaust manifold?

- A) Bronze
- C) Brass

- B) Steel alloy
- D) Cast iron