

ITI Quiz - 20-Apr-2026 07:48 AM

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Attempt No.	#1	Completion Time	08:33 AM
Rank	#1	Total Questions	21

9 SCORE

21 MAX MARKS

9 CORRECT

12 INCORRECT

Answer Review

Q1 **INCORRECT** Which part connects the petrol engine inlet manifold?

A. Air filter

B. Injector

C. Carburetor ☐

D. Fuel pump ☐

Q2 **CORRECT** What is the material of inlet manifold?

A. Brass

B. Bronze

C. Stainless steel

D. Aluminium alloy ☐

Q3 **CORRECT** Which component is related to exhaust system?

A. Muffler ☒

B. Air filter

C. Carburetor

D. Injection pump

Q4 **INCORRECT** Which is related to pneumatic system?

A. Steam

B. Electric

C. Compressed air ☒

D. Pressurized water ☐

Q5 **INCORRECT** Where is the turbocharger mounted?

A. Air filter ☐

B. Inlet manifold

C. Cylinder head

D. Exhaust manifold ☒

Q6 **CORRECT** What is the material of exhaust manifold?

A. Brass

B. Bronze

C. Cast iron ☒

D. Steel alloy

Q7 **INCORRECT** Which type of muffler produces anti noise without restricting exhaust flow?

A. Baffle type

B. Electronic type ☐

C. Reverse flow type ☐

D. Straight through type

Q8 **CORRECT** Which type of muffler is fitted with sensors and microphone ?

A. Electronic type ☐

B. Resonance type

C. Reverse flow type

D. Straight through type

Q9 **INCORRECT** Which process is taken place in catalytic convertor?

A. Thermal ☐

B. Physical

C. Chemical ☐

D. Biological

Q10 **CORRECT** What is the purpose of the turbo charger?

A. Save power

B. Scavenging

C. Filter the exhaust gas

D. Pump more air into the cylinder ☐

Q11 **CORRECT** How does a turbocharger get drive?

- A. By belt
- B. By gear
- C. By inlet gas
- D. By exhaust gas ☒

Q12 **INCORRECT** Which one of the following acts as a flame arrester during engine back fire?

- A. Muffler ☐
- B. Oil filter
- C. Air filter ☒
- D. Fuel filter

Q13 **INCORRECT** Which type of filter element is fitted in dry type air cleaner?

- A. Cloth ☐
- B. Paper ☒
- C. Strainer
- D. Wire mesh

Q14 **INCORRECT** What is the purpose of the muffler in the exhaust system?

- A. To reduce the heat
- B. To reduce the noise ☒
- C. To reduce the vibration
- D. To filter the exhaust gases ☐

Q15 **INCORRECT** 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

Q16 **CORRECT** Where the catalytic converters are used?

- A.** Fuel system
- B.** Inlet system
- C.** Exhaust system ☐
- D.** Lubrication system

Q17 **CORRECT** What is the purpose of catalytic converter?

- A.** Control the noise
- B.** Control the emission ☐
- C.** Control the temperature
- D.** Control the fuel consumption

Q18 **INCORRECT** Where the catalytic converter is fitted?

- A.** Between muffler and tail pipe
- B.** Between exhaust pipe and muffler ☐
- C.** Between tail pipe and resonator pipe
- D.** Between engine head and exhaust manifold ☐

Q19 **INCORRECT** Which are the materials commonly used in the catalytic converter?

A. Zinc and molybdenum

B. Palladium and platinum ☒

C. Asbestos and ceramics

D. Chromium and vanadium ☐

Q20 **CORRECT** What is the reason to decrease the volumetric efficiency in exhaust system?

A. Low noise

B. High temperature

C. Low temperature

D. Excessive back pressure ☒

Q21 **INCORRECT** Which metal in the fuel is to be avoided while fitting catalytic converter?

A. Tin

B. Lead ☒

C. Chromium ☐

D. Phosphorus