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Score: 17/21 (80.95%)

Code: 4904

1. Which part connects the petrol engine inlet manifold?
 

A) Air filter	B) Injector
<b>C) Carburetor (Correct)</b>	D) Fuel pump

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2. What is the material of inlet manifold?
 

A) Brass	B) Bronze
C) Stainless steel	<b>D) Aluminium alloy (Correct)</b>

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3. Which component is related to exhaust system?
 

<b>A) Muffler (Correct)</b>	B) Air filter
C) Carburetor	D) Injection pump

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4. Which is related to pneumatic system?
 

A) Steam	B) Electric
<b>C) Compressed air (Correct)</b>	D) Pressurized water

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5. Where is the turbocharger mounted?
 

A) Air filter	B) Inlet manifold
C) Cylinder head (Incorrect)	<b>D) Exhaust manifold</b>

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6. What is the material of exhaust manifold?
 

A) Brass	B) Bronze
<b>C) Cast iron (Correct)</b>	D) Steel alloy

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

A) Baffle type	<b>B) Electronic type (Correct)</b>
C) Reverse flow type	D) Straight through type

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

<b>A) Electronic type (Correct)</b>	B) Resonance type
C) Reverse flow type	D) Straight through type

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9. Which process is taken place in catalytic convertor?
 

A) Thermal	B) Physical
<b>C) Chemical (Correct)</b>	D) Biological

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10. What is the purpose of the turbo charger?
 

A) Save power	B) Scavenging
C) Filter the exhaust gas	<b>D) Pump more air into the cylinder (Correct)</b>

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11. How does a turbocharger get drive?
 

A) By belt	B) By gear
C) By inlet gas	<b>D) By exhaust gas (Correct)</b>

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

A) Muffler	B) Oil filter
<b>C) Air filter (Correct)</b>	D) Fuel filter

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

A) Cloth	<b>B) Paper (Correct)</b>
C) Strainer	D) Wire mesh

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

A) To reduce the heat	<b>B) To reduce the noise (Correct)</b>
C) To reduce the vibration	D) To filter the exhaust gases

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15. Where the exhaust system muffler is connected?
 

<b>A) Between exhaust pipe and tail pipe (Correct)</b>	B) Between tail pipe and exhaust manifold
C) Between engine head and exhaust manifold	D) Between exhaust pipe and exhaust manifold

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16. Where the catalytic converters are used?
 

A) Fuel system	B) Inlet system
<b>C) Exhaust system (Correct)</b>	D) Lubrication system

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17. What is the purpose of catalytic converter?
 

A) <u>Control the noise</u> (Incorrect)	<b>B) Control the emission</b>
C) Control the temperature	D) Control the fuel consumption

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18. Where the catalytic converter is fitted?
 

A) Between muffler and tail pipe	<b>B) Between exhaust pipe and muffler (Correct)</b>
C) Between tail pipe and resonator pipe	D) Between engine head and exhaust manifold

19. 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 (Incorrect)

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

A) Low noise (Incorrect)

B) High temperature

C) Low temperature

**D) Excessive back pressure**

21. Which metal in the fuel is to be avoided while fitting catalytic converter?

A) Tin

**B) Lead (Correct)**

C) Chromium

D) Phosphorus