

Student: /';;k;l

Score: 12/21 (57.14%)

Code: 0433

1. Which part connects the petrol engine inlet manifold?

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

2. What is the material of inlet manifold?

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

3. Which component is related to exhaust system?

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

4. Which is related to pneumatic system?

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

5. Where is the turbocharger mounted?

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

6. What is the material of exhaust manifold?

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

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

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

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

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

9. Which process is taken place in catalytic convertor?

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

10. 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 (Correct)**

11. How does a turbocharger get drive?

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

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

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

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

- A) Cloth B) **Paper (Correct)**
 C) Strainer D) Wire mesh

14. 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 (Incorrect)

15. Where the exhaust system muffler is connected?

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

16. Where the catalytic converters are used?

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

17. What is the purpose of catalytic converter?

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

18. 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 (Incorrect)

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

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

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

A) Low noise

B) High temperature (Incorrect)

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