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Test: Chemistry	**Class: 9th**
Time: 40 Min.	**Max. Marks: 20**
Name: _____ Date:	**Section:**

Q. No.1. Choose the Correct Answer. **1 x 5 = 5**

1. Densities of gases are expressed in term of
a) mg cm^{-3} b) g cm^{-3} c) mg dm^{-3} d) kg dm^{-3}

2. One atmospheric pressure is equal to
a) 101325 pa b) 10325 Pa c) 10675 Pa d) 105123 Pa

3. Which one of the following gas diffuses faster?
a) Hydrogen b) Helium c) fluorine d) chlorine

4. Density of oxygen at 20°C is
a) 1.4 g dm^{-3} b) 1.5 g dm^{-3} c) 1.4 g dm^{-3} d) 1.7 g dm^{-3}

5. Which of the following state has strong intermolecular forces?
a) solids b) liquid c) gas d) none of these

(SUBJECTIVE TYPE)

Q. No.2. Give Short Answers of the following questions. **2 x 5 = 10**

1. Define diffusion and effusion.
2. Why the densities of gases are lower than solid and liquids?
3. Why the gases are compressible?
4. Convert 1.25 atm to Pascals?
5. Convert 172 K to °C

Q. No.3. Define Boyle's law Explain with an example. **5**

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Whatsapp Contact No. +923156673963

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Q. No.2. Give Short Answers of the following questions. **2 x 5 = 10**

1. Why the gases are compressible?
2. Convert 172 K to °C.
3. Define diffusion and effusion.
4. What is absolute zero?
5. Why the densities of gases are lower than solid and liquids?

Q. No.3. Define Charle's law Explain with an example. **5**