

TEST NO. 6**CH- NO. 5****CHEMISTRY****(Class 9th)-2020****Paper : (Objective type)****Time Allowed:- 15 Minutes****Maximum Marks:- 12**

Note:- Write answers to the questions on the objective answer sheet provided. Four possible answers A, B, C and D to each question are given. Which answer you consider correct, fill the circle in front of A, B, C or D with Marker or Pen ink to each question on the answer sheet provided.

- 1.1 The simplest form of matter is.
(a) Gas (b) Liquid (c) Solid (d) B and C
2. Which one of the following gas diffuses quickly?
(a) F₂ (b) He (c) H₂ (d) Cl₂
3. Which instrument is used to measure atmosphere pressure?
(a) Manometer (b) Barometer (c) Lactometer (d) Voltmeter
4. Freezing point of water is.
(a) 2 °C (b) 0 °C (c) 1 °C (d) 100 °C
5. Density of water is.
(a) 1.00 g cm⁻¹ (b) 1.08 g cm⁻¹ (c) 0.108 gcm⁻¹ (d) 0.001 g cm⁻¹
6. Tyre puncture is an example of.
(a) Effusion process (b) Diffusion process
(c) Evaporation process (d) Condensation process
7. SI unit of pressure is.
(a) N⁻² m (b) Nm⁻² (c) N⁻¹m⁻¹ (d) Nm
8. 1 atm is equal to.
(a) 101325 (b) 106075 (c) 10325 (d) 10523
9. Which one of the following is a not amorphous solids?
(a) Glass (b) Plastic (c) Rubber (d) Sodium chloride
10. One atm is equal to.
(a) 101326 torr (b) 1 torr (c) 760 torr (d) 1 mm of Hg
11. The boiling point of sodium chloride is.
(a) 800 °C (b) 1450°C (c) 1413 °C (d) 1477 °C
12. Which one of the following does not affect the boiling point?
(a) External pressure (b) Intermolecular force
(c) Initial temperature of liquid (d) Nature of liquid

A B C D**A B C D****A B C D****A B C D****A B C D**

1	(A B C D)	4	(A B C D)	7	(A B C D)	10	(A B C D)	13	(A B C D)
2	(A B C D)	5	(A B C D)	8	(A B C D)	11	(A B C D)	14	(A B C D)
3	(A B C D)	6	(A B C D)	9	(A B C D)	12	(A B C D)	15	(A B C D)

نوٹ: معروضی سوال نامے کو ٹیچ سے پڑھیں اور ہر MCQ کی درست آپشن A, B, C, D کو بیچن کی سی ای پمار کر سے اس طرح چیک کریں کہ سی ای دائرے سے باہر نہ نکلے۔ ایک سے زیادہ دائروں کو چیک کرنے یا کاٹ کر چیک کرنے کی صورت میں مذکورہ جواب غلط تصور ہوگا۔

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TEST NO.6

CH- 5

CHEMISTRY

Paper: V (Essay Type)

(Class 9th)-2020

Time Allowed: 1:45 Hours

Maximum Marks: 48

(PART-I)

2. Write short answers to any FIVE (5) questions: 10

- (i) Define a diffusion of gas with an example.
- (ii) Define diffusion and effusion.
- (iii) Define standard atmosphere pressure and write its unit.
- (iv) Define pressure and write its units.
- (v) Why gases are compressible?
- (vi) Briefly describe the mobility of gases.
- (vii) Whether the density of gases increase on cooling?
- (viii) Define Boyle's law.

3. Write short answers to any FIVE (5) questions: 10

- (i) What is absolute temperature? Write its value.
- (ii) What is Charles's law? Write its equation.
- (iii) Convert 30 °C to Kelvin temperature.
- (iv) Define Evaporation and give an example.
- (v) Why drops of rain fall downward?
- (vi) Why does evaporation increase with increase of temperature?
- (vii) Why does evaporation cause cooling?
- (viii) Define vapour pressure and explain the effect of temperature on it.

4. Write short answers to any FIVE (5) questions: 10

- (i) Define boiling point and melting point.
- (ii) Define boiling point of liquid.
- (iii) Differentiate between crystalline and amorphous solid.
- (iv) Define Allotropy. State allotropes of oxygen.
- (v) Define freezing point.
- (vi) On which two factors vapour pressure of any liquid depends?
- (vii) Define Effusion. Give example.
- (viii) Why densities of gases are less than liquids?

(PART - I D)

Note: - Attempt any TWO questions.

5. a) Define the Boyle's law. Explain the experiential verification of Boyle' law. 5

b) Differentiate between Amorphous solid and Crystalline solid. . 4

6. a) Define Charles Law. Give its experimental verification. 5

b) Discuss the factors which affect the vapour pressure. 4

7. a) A gas at pressure 912 mm of Hg has volume 450 cm³. What will be its volume at 0.4 atm? 5

b) Describe three factors which affect the evaporation. 4

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