

CHEMISTRY	9 th CLASS 1 st Annual 2024	سٹری
GROUP : SECOND		خروپ : دوسرا
TIME 1 : 45 HOURS	SUBJECTIVE PART حصہ انشائیہ	وقت : 1 گھنٹہ 45 منٹ
TOTAL MARKS : 48	حصہ اول PART - I	کل نمبر : 48

سوال نمبر-2 کوئی سے پانچ اجزاء کے مختصر جوابات تحریر کیجئے۔ $2 \times 5 = 10$

- Q. No.2 Write Short answers to any five of the following
- Homogeneous mixture differ from heterogeneous mixture? Give example.
 - What is empirical formula of Acetic acid? Find out its molecular mass.
 - Write down electronic configuration of chloride ion in sub shells.
 - Which isotopes are used as tracers in medicines?
 - How periods differ from groups?
 - State modern periodic law. Who put forward this law?
 - What are the trends of shielding effect in periodic table?
 - Why elements of group first and group second are called s-block elements?

سوال نمبر-3 کوئی سے پانچ اجزاء کے مختصر جوابات تحریر کیجئے۔ $2 \times 5 = 10$

- Q. No.3 Write Short answers to any five of the following
- What is Octet rule?
 - Describe at least two necessary conditions for formation of a covalent bond.
 - Write down two properties of coordinate covalent compounds.
 - What is absolute zero temperature? What is its value in degree Celsius?
 - What are amorphous solids? Give examples.
 - How can supersaturated solution be prepared?
 - What do you mean by m/m % concentration unit? Give an example.
 - Why do we stir paints thoroughly before use?

سوال نمبر-4 کوئی سے پانچ اجزاء کے مختصر جوابات تحریر کیجئے۔ $2 \times 5 = 10$

- Q. No.4 Write Short answers to any five of the following
- Define oxidation and reduction with respect to electrons.
 - What is meant by strong electrolytes? Give example.
 - Why is galvanizing done?
 - What is the difference between valency and oxidation state?
 - Give two examples of very reactive metals?
 - Why is copper used for making electrical wires?
 - Write down two physical properties of non-metals.
 - Give any two uses of platinum.

Part - II حصہ دوم

Note: Attempt any two questions from this part $2 \times 9 = 18$

- سوال نمبر-5 (A) مائیکول کی تعریف کیجئے۔ مائیکول کی کوئی سی تین اقسام تحریر کیجئے۔
- 2+3 Define molecule. Write down any three types of molecule.
- 4 (B) آئیونک کمپاؤنڈز کی کوئی سی چار اہم خصوصیات تحریر کیجئے۔
- Write down any four characteristics properties of ionic compounds.
- سوال نمبر-6 (A) رور فورڈ اٹامک تیوری اور بوہر اٹامک تیوری کے درمیان کوئی سے پانچ فرق لکھیے۔
- 5 Write down any five differences between Rutherford's Atomic theory and Bohr's Atomic theory.
- (B) دھوپریٹر سے کیا مراد ہے؟ کیسے مختلف فیکٹرز اس پر اثر انداز ہوتے ہیں؟
- 4 What is vapour pressure? How different factors affect on it?
- سوال نمبر-7 (A) الیکٹرو لائٹک سیل میں پانی کی تحلیل کو تفصیل سے بیان کیجئے۔
- 5 Discuss the decomposition of water in an electrolytic cell
- (B) سسپنشن کی چار خصوصیات تحریر کیجئے۔
- 4 Write down any four properties of suspension.