

1	1
2	2
3	3

Time: 3 hours

Marks: 65

Note: There are THREE Sections in this paper i.e. A, B & C. Attempt Section-A and return it to the Superintendent within the given time. No marks will be awarded for cutting, erasing and overwriting. Mobile Phones are strictly prohibited in Examination Hall.

Time: 15 minutes

Section-A

Marks: 12

Select the correct option and shade (A,B,C,D) in the given Bubble Answer Sheet.

Hydrochloric acid, nitric acid and white lead prepared by _____

A- Al-Razi

☒ B- Jabir Ibn Haiyan

C- Ilne-Sina

D- Al-Beruni

ii. The symbol of Gold is _____

A- Hg

B- Fe

☒ C- Au

D- Ag

iii. Rutherford bombarded gold with _____

☒ A- α -particlesB- β -particlesC- γ -rays

D- Electrons

iv. Hydrogen has _____ isotopes.

A- Two

☒ B- Three

C- Four

D- Five

v. The ability of an atom to attract electron (s) towards itself is called _____.

A- Electron affinity

B- Electro positivity

C- Shielding effect

☒ D- Electronegativity

vi. The modern periodic table is based on _____

☒ A- Atomic number

B- Mass number

C- Neutron number

D- Isotopes number

vii. According to Octet rules, an atom has the tendency to attain _____ electrons in its outer most shell.

A- 2

B- 4

C- 6

☒ D- 8

viii. An atom with charge is called _____

A- An electron

☒ B- An ion

C- A molecule

D- Radical

ix. Diamond is a crystalline form of _____

A- Iron

B- Copper

☒ C- Carbon

D- Gold

x. Mercury amalgam is an example of _____ solution.

☒ A- Liquid in solid

B- Liquid in gas

C- Liquid in liquid

D- Solid in solid

xi. A cation is a _____

A- Neutral

B- Negatively charged

C- Colored

☒ D- Positively charged

xii. Group VII elements are collectively called _____

☒ A- Halogens

B- Chalcogen

C- Alkali

D- Inert