

KRISTU JYOTI VIDYA NIKETAN

CHETHIPUZHA, CHANGANASSERY – 686 104

First Terminal Examination – 2022 – 23

CHEMISTRY

Class : VI

Time : 1 hr
Max. Marks: 40

Instructions:-

- Attempt all questions from Section A and Section B.
- *Do not overwrite. if there is any mistake, strike it out and write the correct answer next to it*
- *Question number must be clearly written*

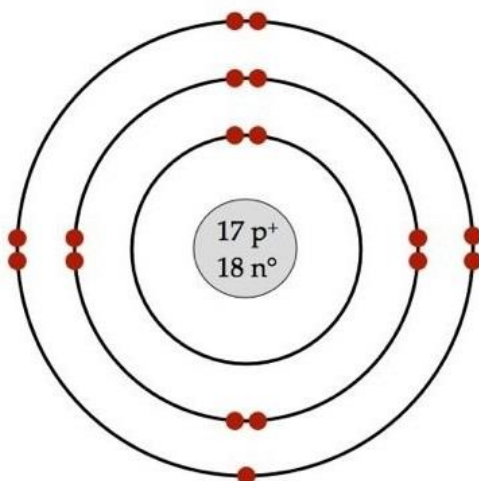
Section - A (20 marks)

- 1. Name the following.** [5]
 - (i) The positively charged subatomic particle.
 - (ii) The number of atoms present in one molecule of element.
 - (iii) The study of living organisms.
 - (iv) Chemicals formed on reaction of a base with an acid.
 - (v) A pure substance made up of identical atoms.
- 2. Write the name of the following element.** [2]
 - (i) B
 - (ii) Cl
 - (iii) N
 - (iv) Ne
- 3. Atomic number of an element is given. Name the element.** [2]
 - (i) 12
 - (ii) 3
 - (iii) 15
 - (iv) 19
- 4. Classify the following compounds into acid and base.** [2]
 - (i) H_2SO_4
 - (ii) NaOH
 - (iii) KOH
 - (iv) H_2CO_3

5. What important contributions did the following scientists make? [2]
- (i) Dimitri Mendeleev
 - (ii) John Dalton
 - (iii) Antoine Lavoisier
6. Find the odd one out and give reason of your choice. [3]
- (i) Silver, Iron, Hydrogen, Lead
 - (ii) Helium, Neon, Radon, Nitrogen
7. Differentiate between the following. [4]
- (i) Metalloids and Noble gases
 - (ii) Metallic oxide and Metallic sulphide

Section - B (20 marks)

8. Study the structure of atom and answer the following.



- (i) Name the atom and its symbol. [1½]
 - (ii) State the number of protons, electrons and neutrons. [1½]
 - (iii) State the atomic number and mass number. [2]
9. [3]
- (i) Draw a diagram of each of the following and give it uses. [3]
 - (a) Flat bottom flask
 - (b) Funnel
 - (c) Beaker

- (ii) State the function of – [2]
(a) The clamp mounted on the rod of a retort stand.
(b) The tap at the base of a burette.

10.

- (i) What are compounds? [1]
(ii) State the characteristics of compound. [3]
(iii) Name the following compound [1]
(a) CO_2
(b) NO

11.

- (i) What do you mean by fertilizers? [1]
(ii) Match the following [2]

Column A

Column B

- | | | |
|----------------------|---|-------------|
| (a) Malathion | - | Fertilizers |
| (b) DDT | - | Herbicide |
| (c) Bordeaux mixture | - | Insecticide |
| (d) Diclofop | - | fungicide |

- (iii) Differentiate between soap and Detergents. [2]

Prepared by:- Miss. Rose Mary Philip