Final Term Examination 2017-2018

Std.   : VI   Full Marks : 80

Subject : Science   Time : 2hrs.+15mins.

Section - A

1. **Fill in the blanks :—**   [5x1=5]

(a)   A small piece of wood or metal which is thick at one end and thin at the other end is called a _____

(b)   _____ is a rigid body capable of rotating about a point on itself.

(c)   Elements combine in _____ proportion by mass to form a compound.

(d)   A _____ is the broadest unit of classification.

(e)   Plants that grow in dry places are called _____.

2. **Choose the correct option :—**   [5x1=5]

(i)   Which of the following is a class-three lever —

    a)   sea-saw   (b)   Bottle opener   (c)   stapler   (d)   Betal nut cutter

(ii)   The smallest unit of classification is the —

    a)   species   (b)   Genus   (c)   family   (d)   Order

(iii)   Which of these is not a mammal —

    a)   Shark   (b)   Whale   (c)   Seal   (d)   Dolphin

3. **Give one word for :—**   [5x1=5]

(a)   The wide, flat, green portion of the leaf.

(b)   Warm blooded animals that give birth to babies.

(c)   The smallest unit of classification.

(d)   Smallest part of an element that can exist independently.

(e)   A wheel or axel which can rotate freely about its axle.

4. **Give two example of each —**   [5x2=10]

(a)   Class-one lever

(b)   Compound

(c)   Unicellular Organism

(d)   Plants having tap root system.

(e)   Hydrophytes.

5. Write the symbols of the following element —   [5x1=5]

(a) Bromine   (b) Iron   (c) Calcium   (d) Argon   (e) Magnesium

6. Match the following :—   [5x1=5]

A		**B**
(i)	Sodium Chloride	a)	Corolla
(ii)	Gymnosperms	b)	Class-two lever
(iii)	Petal	c)	NaCl
(iv)	Handle of nail cutter	d)	Pollination
(v)	Transfer of pollen grains from anther to stigma	e)	have naked seeds.

7. Correct the false statements :—   [5x1=5]

(a) Transfer of pollen grains from the anther of a flower of one plant to the stigma of a flower of another plant is called self pollination.

b) Toads are reptiles.

c) Mint is an example of shrubs.

d) The symbol of an element represents a molecule of it.

e) Load is the effort applied to a machine.

Section - B

1. Write the scientific names of the following :—   [5x2=10]

(a) Mango   (b) Human   (c) Lion   (d) Pea   (e) cat

2. Answer the following questions :—

(a) Define a machine. Name four categories of machine.   [2+2=4]

(b) What are the two types of venation seen in leaves ?   [2]

(c) Mention any four characteristics of metals.   [4]

(d) What do you understand by the term species ?   [2]

(e) What do you mean by cold-blooded animals ? Give one example.   [2+1=3]

3. Differentiate between :—   [5x2=10]

(a) Autotrophs and Heterotrophs

(b) Metals and Non-metals.

(c) Class-one lever and class-two lever

(d) Unisexual and bisexual flowers.

(e)   Self pollination and cross-pollination.

4.   **Label the parts of given flower :—**   **[5x1=5]**