

STD VI A,B,C

GREENLAWNS HIGH SCHOOL

GENERAL SCIENCE

FIRST TERMINAL EXAMINATION FOR THE YEAR 2017-18

TIME : 1 1/2 Hrs.

MARKS : 80

- Read the questions carefully
- All answers to be written in the answer booklet provided
- Be neat in you work

Question I. Fill in the blanks: (only answers)

[10]

- a) Iron combines with _____ present in the air and forms a new substance called _____.
- b) Intermolecular spaces are maximum in _____.
- c) In solids atoms are closely packed because there is strong _____ of _____.
- d) Solid has a fixed temperature at which it changes into liquid is known as _____ point.
- e) _____ is a liquid metal.
- f) _____ is a liquid non-metal.
- g) S.I unit of force is _____.
- h) _____ forces are those in which the objects are in contact with each other.
- i) A magnet attracts iron nails because of _____ force.
- j) Higher up in the mountains, the temperature _____.

Question II. Pick the odd one out. Give reason(s) for your answer.

[6]

- a) Monkey, yak, snake, lion
- b) Gravitational force, magnetic force, mechanical force, electrostatic force
- c) Wheat, pulses, sugar, rice
- d) Dysentery, cholera, malaria, typhoid
- e) Proteins, fats, carbohydrates , minerals
- f) Acetone, benzene, methane, oil

P.T.O

Question III. Name the following:

[10]

- a) Two major classes of elements.
- b) A metal that is pink-red in colour.
- c) A substance that is heat insulator.
- d) Any two odourless gas.
- e) Process of disposal of unwanted solid refuse on land.
- f) Any two free floating plants.
- g) Breathing structure in dolphins.

Question IV. Give suitable explanation for the following:

[7]

- a) Machine parts are lubricated again and again.
- b) Wax of the ear should never be poked with a pointed object.
- c) One should cover the nose and mouth while coughing or sneezing.
- d) Desert snakes are nocturnal.
- e) Vehicles have treaded tyres.
- f) Flossing is important.
- g) Mild soap is recommended for bathing.

Question V. Differentiate between the following pairs:

[10]

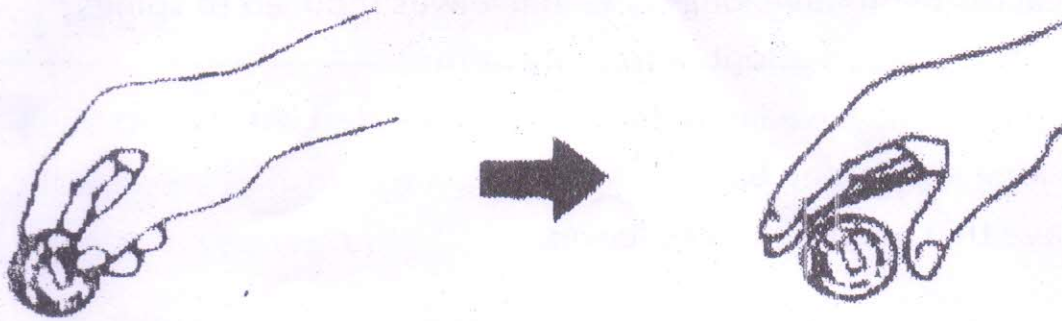
- a) Energy rich foods and body building foods(functions)
- b) First degree burns and second degree burns(severity of injury)
- c) Compound and mixtures(absorption of energy)
- d) Malleability and ductility(definition)
- e) Insulators and good conductors(conduction of electricity)

P. T. O

Question VI.

[10]

a) Study the illustration given below and answer the questions that follow:



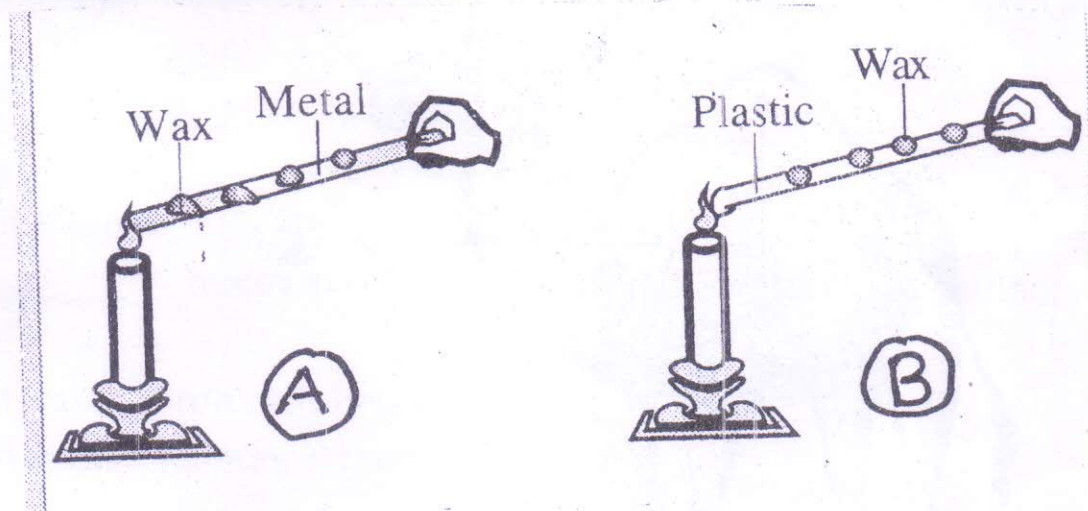
i) What happens when the coin is released?

[1]

ii) Define the cause for this observation.

[2]

b) Observe the phenomenon shown.



i) What do you observe in A and B?

[2]

ii) Give a reason for each observation in A and B.

[2]

iii) Give an application of B in daily life.

[1]

Q VII. Answer the following :

[4]

- What is meant by first aid?
- What is habitat?
- Define compound.
- Define adaptation.

Q VIII. Think and answer in detail.

- a) Why does cactus plant have long roots and leaves reduced to spines? [2]
- b) What caution would you adopt in treating burns? [2]
- c) Giant water lily plants have large, flat and waxy coated leaves. [2]
- d) Frogs have long and strong back legs. [2]
- e) Hydrilla have thin and ribbon like leaves. [2]

Q IX. Look at the diagram given below and write how each labelled part helps it adapt to its surroundings. [5]

