

**GREEN LAWNS HIGH SCHOOL
FINAL EXAMINATION 2021**

SUBJECT: GENERAL SCIENCE

CLASS: VI

TIME: 1 HOUR

MARKS: 40

Note:

- All answers for this paper to be written on the composition sheet.
- You will not be allowed to write during the first 10 minutes. Use this time to read the paper carefully.
- The time given at the head of this paper is the time allowed for writing the answers.
- Write concise answers using scientific terms.
- Write your Roll No., Name and Class-Div on the right hand side top corner on every page of your composition-sheet.
- Leave a line after answering every question.
- After you finish writing the paper, number all the pages, click bright and clear pictures, include all the pictures into one PDF, rename that PDF with your Roll No., Name and Class-Div and send it to your science teacher according to the given instructions.

Q1. Fill in the blanks: (Do not copy the sentence) {5}

- i) A _____ is a device consisting of a network of wires or plastic net attached to a ring or frame.
- ii) _____ is the method used by farmers to get grains separated from husk.
- iii) Mixtures are _____ substances.
- iv) _____ molecule contains two atoms in it.
- v) Friction is the force that acts _____ the motion of a body.

Q2. Answer the following questions based on the given picture.

One or more forces are acting in the following examples.

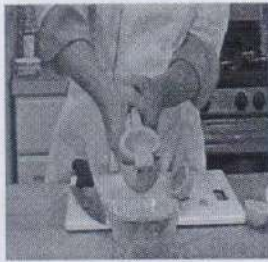
Name them.

{5}

a)



b)



c)



d)



Q3. Give scientific reasons for the following: {5}

- i) Bhagya placed a magnet near a metal ball and observed that the ball moved away.
- ii) Two magnets are placed close to each other as shown below. Which set will attract each other? Why?



i)



ii)



iii)

S	N	N	S
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iv)

N	S
S	N

iii) Powder is sprinkled on a carrom board.

iv) Handles of steel vessel covered with plastic get attracted by magnet.

v) It is difficult to walk on glazed tiles.

Q4. Name the following:

{5}

- a) Biological substances produced by our body, which help digestion.
- b) What is the name of the organism which can be seen only with the help of microscope?
- c) System which helps us to remove waste materials from our body.
- d) What is the name of the long pipe that shifts food from the back of your throat down to your stomach?
- e) Selectively allows things to get in and out of the cell.

Q5. Differentiate between the following pairs based on the point given in the brackets. (Write in a tabular form)

{5}

- i) Vacuole in a plant cell and an animal cell (size)
- ii) Leucoplast and Chloroplast (colour)
- iii) Atoms and Molecules (definition)
- iv) Muscular System and Skeletal System (function)
- v) Contact force and Non-Contact force (definition)

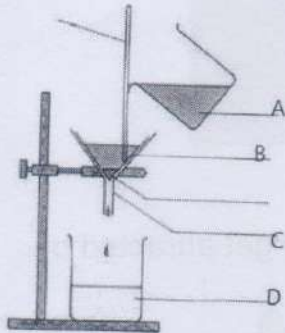
Q6. Answer the following:

{5}

- a) What is nucleus?
- b) Give one advantage of distillation over evaporation.
- c) Define digestion.
- d) What do you mean by force?
- e) Define magnetic field.

Q7. Observe the diagram carefully and answer the following. {10}

I)

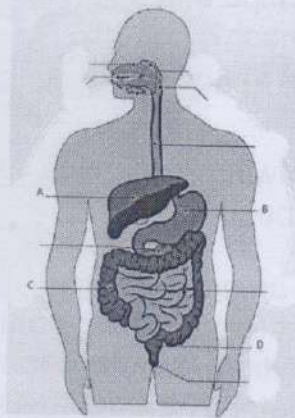


a) Define the above Process. [1]

b) Why glass rod is used? [1]

c) Label parts A, B, C, D [4]

II)



a) Label the parts B and D. [2]

b) Secretion of part labelled as A. [1]

c) Function of part labelled as C. [1]

