

**GREEN LAWNS HIGH SCHOOL
FINAL EXAMINATION 2021**

SUBJECT: GENERAL SCIENCE
TIME: 1 HOUR

CLASS: VII
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 very 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 questions. [5]

- a) _____ are muscles that regulates the flow of urine.
- b) Microscopic filtering units of kidneys are _____.
- c) Cnidarians may exist in either of two forms. _____ and _____.
- d) All arthropods have segmented bodies, jointed appendages, and _____.
- e) Photosynthesis is a process where heat is _____.

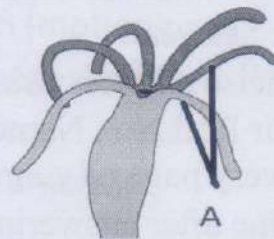
Q2. Write true or false. Correct the false statements by changing the first word. [5]

- a) Nematoda have bristle-like structures called chaetae for locomotion.
- b) Digestion is a process of breaking down food to release carbon dioxide, water and energy.
- c) newton is SI unit of weight.

- d) Oscillatory motion is repetitive and fluctuates between two locations.
- e) Melting is a process by which a substance changes from its liquid state to its solid state on cooling.

Q3. Observe the figures and answer the questions: [10]

- a) Identify and name the phylum of the animal. Write the function of part labelled as A. (1 ½)



- b) Identify and define the type of motion. (1 ½)

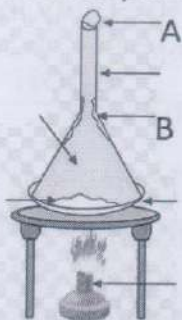


- c) Identify the animal and its phylum. Write one distinct feature of the phylum. (2)



d) i. Name the process shown in the figure. (1/2)

ii) Label the part A and B. (1)



iii) Purpose of part labelled as A. (1)

iv) Name a process that is opposite to the above process. (1)

v) Name any one type of change in the above process and define it. (1 ½)

Q4. Identify the names of missing Element/symbol in the table. Copy the table and write your answer. [5]

	ELEMENT	SYMBOL
a)	Oxygen	
b)		Cl
c)	Neon	
d)	Carbon	
e)		Li

Q5. Give biological/scientific explanations for the following: [5]

a) Birds can fly but most mammals cannot.

b) Rusting is a chemical change.

c) Kidneys are referred as osmoregulatory organs.

d) Sharks are cold-blooded.

e) Car moving around a circular track with uniform speed is in non-uniform motion.

Q6. Answer the following questions: [3]

- a) Function of pore present at the top of the body in Porifera.
- b) How surface area affects evaporation?
- c) Why is salamander called an amphibian?

Q7. Differentiate between the following pair of words based on what is given in the bracket in tabular format. [5]

- a) Exothermic and Endothermic change(heat)
- b) Rectilinear and Curvilinear motion (motion path)
- c) Tapeworm and Ascaris (organ for egestion)
- d) Renal artery and renal vein(function)
- e) Mass and weight (measuring instrument)

Q8. Observe the diagram carefully. Label the parts denoted as A,B,C,D. [2]

