

GREENLAWNS SCHOOL, WORLI

TERMINAL EXAMINATION 2020 - Std VII Date - 25/09/2020 Time -45min Marks -30

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Name of the pupil

Short answer text

Roll No *

Short answer text

Q1) Choose the correct option:

Description (optional)

a) A ball rolling on the ground possesses _____

- kinetic energy
- potential energy
- heat energy
- no energy

b) A beam of light is called _____

- point
- segment
- line
- ray

c) The transport of food in plants occurs by _____

- xylem
- phloem
- stomata
- epidermis

d) The Sundew plant for trapping insects

- has trapped door
- pitcher shape
- may be hinged
- bears sticky substances

e) _____ has a low melting and boiling point.

QII) State whether the following statements are True or false. Correct the false

Description (optional)

a) The potential energy is also called stored energy.

Short answer text

b) Lead is a good conductor of heat.

Short answer text

c) Water and oxygen are required for photosynthesis

Short answer text

d) Regular reflection from the flower to our eyes enable us to see it.

Short answer text



e) Photosynthesis and respiration almost complement each other in terms of consumption and production.

Short answer text

QIII) Name the following:

Description (optional)

a) The capacity to do work.

Short answer text

b) The bouncing back of a ray of light from a surface.

Short answer text

c) Full form of LED



d) A chemical formed during anaerobic respiration

Short answer

Short answer text

Answer key (1 point)

Required

e) A saprophytic plant

Short answer text

QIV) Define the following terms:

Description (optional)

a) Parasitic nutrition

Short answer text



b) Lateral inversion

Short answer text

c) Sonority

Short answer text

d) Nutrition

Short answer text

e) Nuclear energy

Short answer text

QV) Look at the diagram and name the following:

a) angle RON, b) angle ION, c) AB, d) ray IO, e) ray OR and e) ON

Long answer text

QVI) Study the picture given below and answer the questions that follow:

Description (optional)

a) State the significance of sunlight in this process

Short answer text

b) How is the above process different from respiration?

Short answer text

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 TERMINAL EXAMINATION -2020
 SCIENCE

Std: VII
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 Time: 1hr

Attempt all questions.

QI Answer the following questions:

- a. List any two unique physical properties of silver. [2]
- b. Why leguminous plants are called symbiotic? [2]
- c. Mention any two features of a plane mirror. [2]
- d. Explain cations. [2]
- e. What is respiration? How is respiration carried out in plants? [2]

QII Give scientific reasons for the following

- a. Gold and Platinum are noble metals. [1]
- b. The bulb becomes hot after some time it is lit. [1]
- c. A reflected image from a mirror is clear and sharp. [2]
- d. Plants play an important role in the food chain [2]
- e. Light intensity is an important factor that affects photosynthesis. [3]

QIII State the differences between the following pairs based on what is given in the brackets: [4]

- a. Real image and Virtual image (image formation)
- b. Aerobic and Anaerobic respiration (word equation)
- c. Heterotrophic nutrition and Autotrophic nutrition (Definition)
- d. Metals and Non metals (Conduction property)

QIV Draw a neat labelled diagram of the stomata [2]

QV State the laws of reflection. Draw a neat diagram of it [2+3]
