

GREENLAWNS HIGH SCHOOL
FINAL EXAMINATION 2016-17

SUBJECT: SCIENCE
TIME: 1½ HOURS

CLASS: VII
MARKS: 80

NOTE-

- 1) The first ten minutes are meant for reading this question paper. The time given at the head of this paper is the time allotted for writing this paper.
- 2) Attempt all the questions from this section.
- 3) All answers to be written in the answer booklet.

Q.1 Fill in the blanks.

(10)

- 1) The speed of the non-uniform motion is described in terms of _____.
- 2) Ruminants have a large structure called _____ between small intestine and large intestine.
- 3) Oils obtained from _____ and sandalwood is used to make perfumes.
- 4) _____ acid is also called as oil of vitriol.
- 5) The SI unit of speed is _____.
- 6) When amoeba senses food it pushes out _____ around the food particle and engulfs it.
- 7) The different layers formed by the crown at different level below the canopy in the forest are known as _____.
- 8) To relieve indigestion _____ tablets are prescribed.
- 9) _____ is obtained from babool and kikar tree.
- 10) The full form of SI system is _____ system.

Q.2 A. Match the column and rewrite the pairs.

(5)

Column A	Column B
1) Lime water	a) Neem
2) Odometer	b) Food pipe
3) Germicide	c) Calcium oxide
4) Vultures	d) Calcium hydroxide
5) Oesophagus	e) Scavengers
	f) Measurement of distance.

Q.2 B. State whether true or false. If false change the underlined word to correct the statement.

(5)

- 1) Forest influences climate, water-cycle and air quality.
- 2) The pancreatic juice helps in process of digestion but pancreas is not part of digestive tract.
- 3) All insoluble bases are called alkalis.
- 4) The maintenance of standard time in India is done by atomic clock.
- 5) Forests are an important natural non-renewable resource.

Q.3 Name the following.

(10)

- 1) The medicine obtained from cinchona tree which is used to cure malaria.
- 2) The largest gland in the body.
- 3) The device which can measure time up to one-tenth of a second.
- 4) The indicator which turns blue in basic condition.
- 5) The pain reliever obtained from poppy plant.
- 6) The part of small intestine where digestion is completed.
- 7) An element common to all acids.
- 8) The device used to measure time which works only when sun shines.
- 9) The product of coniferous trees used to make paints and varnishes.
- 10) The motion of the earth revolving around the sun.

Q.4 Define.

(10)

- 1) Motion.
- 2) Canopy.
- 3) Chyme.
- 4) Indicator.
- 5) Rotatory motion.
- 6) Humus.
- 7) Villi.
- 8) Neutralisation.
- 9) Peristaltic movement.
- 10) Speed.

Q.5 Give scientific reasons.

(10)

- 1) The state of rest and motion are relative terms.
- 2) Scavengers and decomposers play vital role to maintain environmental balance.
- 3) The hydrochloric acid produced in stomach does not harm our stomach.
- 4) Turmeric stains on clothes become red on applying soap.
- 5) Forest serves as green lungs in nature.
- 6) Enzymes play vital role in the process of digestion.
- 7) The calamine solution is applied on the skin when an ant bites.
- 8) There is a loss of energy at every link of the food chain.

Q.6 A. Write function/uses of the following.

(7)

- 1) Saliva.
- 2) Rectum.
- 3) Speedometer.
- 4) Bases. (Any 2 uses)
- 5) Acids. (Any 2 uses)

Q.6 B. Explain how following are harmful-

(5)

- 1) Dental plaque. (Any 2 points)
- 2) Deforestation. (Any 2 points)
- 3) Acid rain. (Any 1 point)

Q.6 C. Define Food chain. Draw a food chain with four components (links).

(3)

Q.7 A. Distinguish between: (Write any 1 point)

(7)

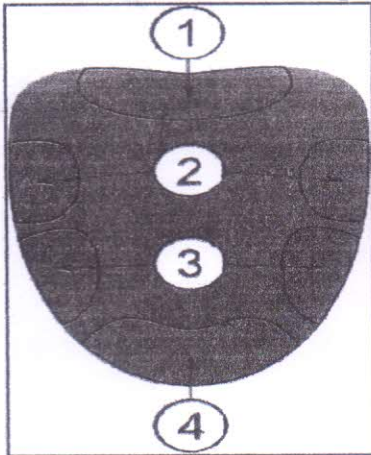
- 1) Uniform motion and Non-uniform motion.
- 2) Acid and Base.
- 3) Ingestion and Egestion.
- 4) Rectilinear motion and Curvilinear motion.
- 5) Herbivore and Carnivore.
- 6) Organic acid and Mineral acid.
- 7) Endo-parasite and Ecto-parasite.

Q.7 B. Answer the following questions with the help of the figure.

(3)

1) Taste buds present in which region of tongue will help you to identify the tastes of the following: a) Sugar. b) Lemon. c) Salt.

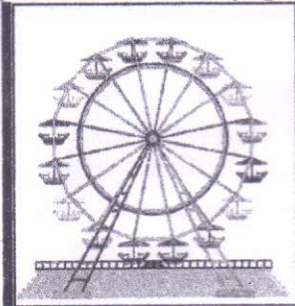
(5)



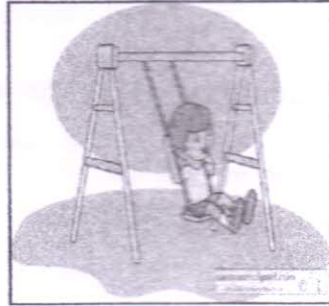
2) Identify the type of motion.

(5)

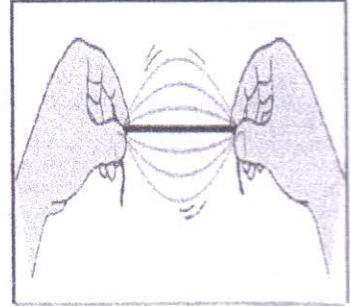
i) Motion of Merry-go-round



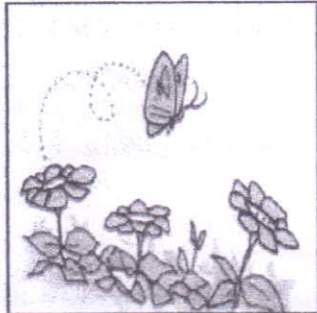
ii) Motion of a swing



iii) Motion of a rubber band



iv) Motion of a butterfly



v) Motion of marching soldiers.

