



Late B. I. Chanshetti Guruji Pratishthan's

GLOBAL VILLAGE PUBLIC SCHOOL

Near Primari Health Center, N. H. 09, Boramani, Tal. South Solapur, Dist. Solapur

Class :- VII

Semester I- 2019-2020

Subject – SCIENCE

Date :- 16 / 10 /2019

General Instructions:

Max. Marks :80

Time – 3 hrs

- All questions are compulsory.
 - The question paper consists of 30 questions divided into four sections A,B,C and D.
 - Section A contains 6 questions of 1 mark each. Section B contains 6 questions of 2 marks each.
Section C contains 10 questions of 3 marks each. Section D contains 8 questions of 4 marks each.
- Use of calculators is not permitted.

SECTION –A

(1*3 = 3 M)

Q. 1 ATTEMPT THE FOLLOWING

- Which Soil is richest in humues?
- A car travels 80 km in two hours. Calculate its speed.
- Give the Scientific term for the breaking up of rocks to form Soil.

SECTION –B

Q.2 ATTEMPT THE FOLLOWING

(2*7 = 14 M)

- Name the breathing organs in
(1) Cockroach (2) Frog (3) Pland (4) Earthworm
- Draw the different steps in budding of yeast.
- Complete this table with words maximum,least ,medium

Sr. No	Characteristics	Sandy Soil	Loamy Soil	Clayey Soil
1	Particle Size			
2	Absorption of water			

- Draw schematic diagram of circulation of blood.
- Write a two ways you can save water.
- Name four types of natural silks.
- Give two examples each of conductors an insulators of heat .

Q.3 ATTEMPT THE FOLLOWING**(3*5=15 M)**

- a. State the similarities & differences between the laboratory thermometer and the clinical thermometer.
- b. Make Sketches in a sequence the life history of the silk moth.
- c. Describe the role of stomach in the human digestive system.
- d. Show with the help of a sketch that plants are ultimate source of food.
- e. List any six products we get from forests.

Q.4 ATTEMPT THE FOLLOWING**(3*5=15 M)**

- a. Describe how crystals of copper Sulphate are prepared . Explain how painting of an iron gate prevents it from rusting.
- b. Name the type of carbohydrate that can be digested by ruminants but not by humans . Give the reason also.
- c. Give a brief description of the process of synthesis of food in green plants.

Q.5 ATTEMPT THE FOLLOWING**(4*5=15 M)**

- a. Discuss why wearing more layers of clothing during winter keeps us warmer than wearing just one thick piece of clothing.
- b. Explain in places of hot climate it is advised that the outer walls of houses be painted white.
- c. A wooden spoon is dipped in a cup of ice-cream. Its other end
 - (1) becomes cold by the process of Conduction.
 - (2) becomes cold by the process of Convection.
 - (3) becomes cold by the process of radiation.
 - (4) does not become cold.
- d. What are villi? What is their location and function?
- e. Name the type of Carbohydrate that can be digested by ruminants but not by humans .Give reason also.

Q.6 ATTEMPT THE FOLLOWING**(5*2=10 M)**

- a. Make sketches of two stages in the life history of the silk moth which are directly related to the production of silk.
- b. (1) Write similarity and difference between nutrition in amoeba & human beings.
 - (2) Why do we get instant energy from glucose?