



Late B. I. Chanshetti Guruji Pratishtan's

GLOBAL VILLAGE PUBLIC SCHOOL

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

Class :- VIII

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.
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SECTION –A**(1*3 =3 M)****Q. 1 ATTEMPT THE FOLLOWING**

- a Coal and Coal tar
- b Electrostatic force
- c. Pressure

SECTION –B**Q.2 ATTEMPT THE FOLLOWING****(2*7 = 14 M)**

- a. What is Coal Tar. Write any two uses.
- b. Differentiate between Thermoplastic and Thermosetting plastics.
- c. Explain Atmospheric Pressure and Pressure.
- d. Explain why Sportsman use shoes with spikes
- * **Write Reasoning of the following .Why?**
- e. Water is not used to control fires involving electrical equipments.
- f. LPG is better domestic fuel than wood.
- g. Why do Kabaddi players rub their hands with Soil?

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

- a. Give two examples of each
 - (a) Kharif crop
 - (b) Rabi Crop
- b. What is irrigation ? Describe two methods of irrigation which conserve water
- c. Give examples which indicate that nylon fibers are very strong.
- d. Give reasons for the following

(a) Al foils are used to wrap food items.

(b) Na and K are stored in kerosene

Q.4 ATTEMPT THE FOLLOWING

(3*5=15 M)

a. . Draw well labelled diagram of the following a. Candle

b. Classify each of the following as homogeneous or heterogeneous mixture.

(Soda water,wood,air,soil,vinegar,fitered tea.)

c. Convert the following temperatures to the Kelvin scale. (1) 25⁰C (2) 373⁰C

Q.5 ATTEMPT THE FOLLOWING

(4*5=15 M)

a. Explain how deforestation leads to reduced rainfall.

b. Describe how coal is formed dead vegetarian .What is this process called?

c. Draw well labelled diagram of the following b. Spring Balance

d. Discuss the effects of deforestation on the following. (1) Wild animals (2) Environment

e. What is Red Data Book ? What do you understand by the term migration.

Q.6 ATTEMPT THE FOLLOWING

(5*2=10 M)

a. Explain the process of formation of petroleum

b. a) Arrange the following boxes in proper order to make a flow chart of sugarcane crop production.

(b) Name the petroleum product used for surfacing of roads.