

## SUMMATIVE ASSESSMENT - I - OCTOBER 2019

## GENERAL SCIENCE

(English Version)

PART - A &amp; B

VII Class]

(Max. Marks: 80)

[Time: 2:45 Hrs.]

Marks : 70

PART - A

[Time: 2.15 Hrs.]

General Instructions :

- i) Answer all the questions in separate answer sheet.
- ii) There is an internal choice for 8 marks questions only.
- iii) Tie up the Part-B with answer paper.
- iv) First 15 min. are for reading the question paper and next 2.30 hrs. for answering the questions.

## Section - I

Note: i) Answer all the questions.

ii) Each question carries 2 marks.

iii) Answer each question in 1 or 2 sentences.

7x2=14

1. List out any four food items which contain carbohydrates.
2. What is the basic unit of speed in S.I. system ?
3. Read the following table and answer the questions.

Sl. No.	Substance	Base
1	Lime water	Calcium Hydroxide
2	Soaps	Sodium Hydroxide/potassium hydroxide
3	Glass Cleaners	Ammonium Hydroxide
4.	Milk of Magnesium	Magnesium Hydroxide

Questions: i) Which substance contain Calcium Hydroxide ?  
ii) What are the bases present in soaps.

4. Write the stages in life history of silk moth.
5. Identify the following diagram and name it.



6. What are the uses of indicators ?
7. What kind of questions will you ask your teacher regarding cyclone?

### Section - II

Note: i) Answer all the questions.

ii) Each question carries 4 marks.

iii) Answer each question in 5 to 6 sentences.

8. What are the food components present in the following food items?  
a) Rice                      b) Dal                      c) Curd                      d) Fruits
9. Write the difference between acids and bases.
10. What are called natural fibers ? Give some examples.
11. What is meant by Rotatory motion ? What type of motion do you observe in moving car ?
12. Describe an activity to prove that air expand on heating.
13. What are the uses of electricity in your daily life ?

[Contd. on 3rd page]

## Section - III

Note: i) Answer all the questions.

ii) Each question carries 8 marks.

iii) In this section, internal choice is there. Each question has two options are there, answer for one option only.

iv) Answer each question in 8 to 12 sentences.

4x8=32

14. a) What are the components present in food ? Write the importance of roughages ?

(OR)

- b) Make a flow chart showing various stages of production of woolen fabric ?

15. a) What is the instrument used to measure rainfall ? And describe an activity to measure rainfall in your school.

(OR)

- b) How do you prove that liquids expand on heating ?

16. a) List of the kinds of thermometer. Draw the clinical thermometer and label the parts. <https://www.telanganaboard.com>

(OR)

- b) Draw the electrical bulb and list out the steps you take to save electricity in your house ?

17. a) Read the following table and answer the following questions given below.

S.No.	Situation	Type of Motion
1	Rotating top	Rotatory
2	Moving bicycle	Rotatory & Translatory
3	Motion of blades of ceiling fan	Rotatory
4	Motion in pendulum clock	To and Fro
5	Potter wheel	Rotatory
6	Bullet from Gun	Translatc

Questions :

- Mention the type of motion in the rotating top.
- Write the situations of rotatory motion.
- What type of motion do you observe in pendulum clock ?
- Give one example for translatory and rotatory motion.

(OR)

b) Read the following table and answer the questions.

Sl.No.	Substance	Acid
1	Lemon and Orange	Citric acid
2	Grape and Tamarind	Tartaric acid
3	Spinach and Tomato	Oxalic acid
4	Urine	Uric acid
5	Curd	Lactic acid
6	Vinegar	Acetic acid
7	Amla	Ascorbic acid

Questions :

- Which acid is present in tamarind juice ?
- In which substance uric acid is present ?
- Which acid you obtain by eating Amla fruit ?
- List out the acids which are useful in preparation of food items.

