

M - 47

SUMMATIVE ASSESSMENT - I - DECEMBER 2021

GENERAL SCIENCE

(English Version)

PART - A & B

VII Class]

(Max. Marks: 80)

[Time: 2:45 Hrs.]

Marks : 70

PART - A

[Time: 2.15 Hrs.]

Instructions :

- i) Question paper contains 3 sections.*
- ii) Answer all the questions.*
- iii) In Section - III, internal choice is there.*
- iv) Write the answers of Section - IV in the given sheet only.*
- v) Time for examination is 2.45 hrs. in which 15 min. are means for reading of the question paper.*

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Section - I

Note: *i) Answer all the questions.*

ii) Each question carries 2 marks.

iii) Answer each question in 2 to 3 sentences.

7x2=14

1. What is Balanced diet ?
2. What is Natural Acid ? Give any two examples ?
3. Draw the circuit diagram of cell and label its components.
4. Why grease is used while shearing of sheeps ?
5. Give any two examples of oscillatory motion observed in your daily life.
6. Why Mercury is used as liquid for indicating temperature in thermometers ?
7. What happens if pickles preserve in copper and brass vessels ?

[Turn Over

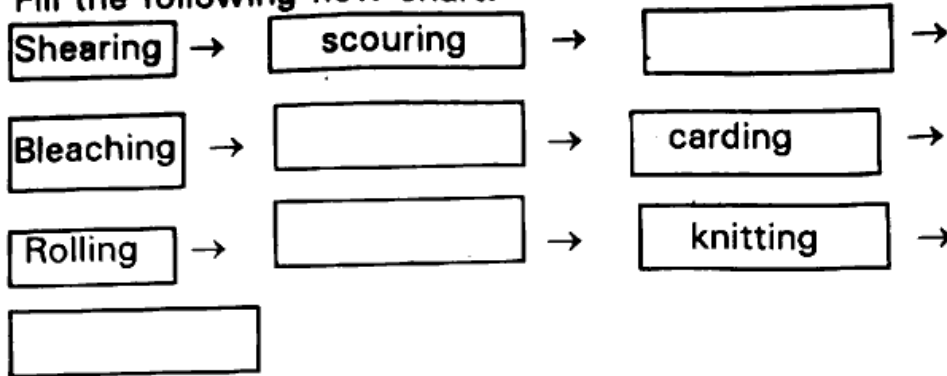
Note: 1) Answer all the questions.

2) Each question carries 4 marks.

3) Answer each question in 5 to 6 sentences.

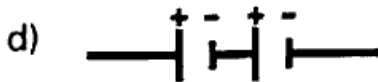
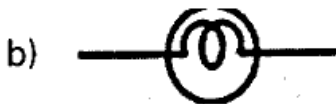
6x4=24

8. Fill the following flow-chart.



9. A train travels at a speed of 120 km/hr. How far will it travel in 5 hours.

10. Write the names of Electric components for the following Electric symbols.



11. What are bad effects of eating junk food ?

12. How can you say laboratory thermometer is not suitable to measure body temperature ?

13. Write chemical names of any 4 bases which are useful in daily life.

Section - III

Note: i) Answer all the questions.

ii) Each question carries 8 marks.

iii) Internal choice is there for each question.

iv) Answer each question in 8 to 10 sentences.

4x8=32

14. a) Describe the procedure of 'Test for starch' and 'Test for proteins' conducted in your school.

(OR)

- b) How do you prepare carbon dioxide? What substances do you need for its preparation?

15. a) Explain different types of Motions with examples.

(OR)

- b) Explain different stages of making silk fabrics.

16. a) Describe the structure of clinical thermometer with the help of diagram. <https://www.telanganaboard.com>

(OR)

- b) What is an Electric Fuse? How does an Electric Fuse work?

17. a) Observe the following table and answer the questions.

S.No.	Substance	Red litmus turns blue	Blue litmus turns red	No change in litmus
1.	Orange	---	✓	---
2.	Detergent water	✓	--	--
3.	Lemon juice	---	✓	---
4.	Malic Acid	---	✓	---
5.	Oxalic Acid	---	✓	---

Questions :

- i) Which substance of the above table can turn red litmus into blue ?
- ii) Which acid is present in lemon juice.
- iii) Which fruit consists of Ascorbic acid ?
- iv) Write any two important differences between Acids and bases.

(OR)

b) Observe the following table and answer the questions.

Sl.No.	Food	Components
1.	Rice	Carbohydrates
2.	Potato / chapathi	Carbohydrates
3.	Dal	Proteins
4.	Curd	Fats and minerals
5.	Fruits	Vitamins
6.	Ghee	Fats
7.	Meat	Proteins, fats

Questions :

- i) What are the benefits of proteins for our body ?
- ii) Give any two examples of food which contains fiber.
- iii) What are nutrients present in curd ?
- iv) Which nutrients are provided to the body by fresh fruits.

