

Std- VII

Subject- Science

Student name-

Date - 20 / 09 /21

Time- 2hr

Marks-50M

SECTION -A

Q.1) Tick the correct answer. **5M**

- In which type of change a new substance is formed?
A) in physical change B) in chemical change c) in both. D) in neither of these
- Which is a method to prevent rust?
A) crystallization. B) sedimentation. C) galvanization D). None of these.
- Which among the following is generally not predicted in a daily weather report?
A) temperature. B) pressure. C) humidity. D) Rainfall
- Leaves of trees banner or flags flutter when wind is blowing. Why?
A) air occupies space. B) air is a mixture of gases. C) air exerts pressure. D) air is colourless
- In which horizon of soil minerals are found?
A) A. B) B. C) C. D) none of these.

Q.1: A) Match the following. **6M**

- | | |
|------------------|--|
| 1. Wind | a. dark funnel shaped cloud |
| 2. Monsoon | b. very low pressure system with very high speed green revolving around it |
| 3. Thunderstorm. | c. measures the speed of wind |
| 4. Cyclone. | d. develops in India very frequently |
| 5. Tornado | e. moving air |
| 6. Anemometer | f. with carrying water |

Q.1: C) True or false. **4M**

- Cyclones are beneficial to the people living in coastal areas. -----
- Polythene bags and plastic pollution the soil. -----
- The maximum and minimum temperature of the day is measured by a laboratory thermometer. -----
- Marking on clinical thermometer its form zero degree celsius to hundred degree Celsius . -----

SECTION-B

Q.2:A) Give two examples. **5M**

- Types of soil 1----- 2 -----
- Tropical rainforest animals 1----- 2 -----
- Two weather conditions 1----- 2 -----
- acid names. 1----- 2 -----

5. Base names. 1----- 2-----

Q.2:B) Write definitions. **5M**

- 1. Weathering. 2. crystallization 3. climate 4. radiation 5. galvanization**

SECTION-C

Q.3:A) answer in one sentence. Any5 5M

1. What are the important constituent of soil?
2. What is water retention?
3. What are other names of cyclones?
4. What is cyclone?
5. What is the effects of heat on air?
6. By which instrument is rainfall measured?

Q.3:B) Answer in 3 to 4 sentences. Any5 10M

1. What is chemical change ? write the characteristics of a chemical change?
- 2.** Difference between acids and bases?
3. What happens when an acidic solution is mix with a basic solution?
4. What are conductors and insulator ? explain giving examples?
5. Discuss why wearing more layers layer of clothing during winter keep us warmer than wearing just one thick piece of woollen clothing?
6. The tropical rainforest has a large population of animals .explain why it is so ?
7. Suppose for a certain sample of soil it took 20 minutes for 200 ml water to calculate the rate of percolation of water. ?

SECTION-D

Q.4) Long answer type questions. Any2 06M

- 1. Describe various** adaptation in polar bear with the help of flow charts. How do these adaptations help them to survive in extreme climate **explain ?**
- 2.**In brief with the help of diagram how uneven heating between the equator and the polar generate wind current
- 3.** What is soil ? How many layers are found in the soil profile. discuss briefly with the help of diagram?

Q.5) Draw a neat figure. Any2. 4M

1. Removing moisture from the soil.
2. A laboratory thermometer.
3. An anemometer.

