

Rajiv Vidya Mission (SSA) A.P., Hyderabad
Summative Assessment Test
Model Paper

Name :
Roll No :

Time : 2 ½ hrs
Class : VII
Subject : Science

Academic Standards	A.S.1	A.S.2	A.S.3	A.S.4	A.S.5	A.S.6	Overall Grade
Grades							

I. Conceptual understanding

1. Write a list of food items which consists of all the components of food?
2. What is the effect of base on the turmeric paper?
3. What do you observe when the egg shell is put in to nitric acid?
4. What happens if cocoon are not heated?
5. Sita tied a stone using thread and rotated speedily. What type of motions are present in it?

II. Asking Questions and making Hypotheses

1. Swathi kept a thermometer in hot water for some time and identified temperature by taking it out. Was swathi correct? If so why?
2. You may be enjoying the ice cream often. Can you guess its temperature?
3. People feel it difficult to spend summer in certain places, what could be the reason?

III. Experimentation and field Investigation

1. How can you identify the acidic or basic nature of substances which we use in our daily life by using hibiscus flower as an indicator.

Or

The teacher concerned shall award Grades to students based on his observations on experiments / field works conducted till the month of september.

IV. Data Collection and Project work

1. Collect the pictures of living and non living things which are in motion and paste them in your scrap book. Under each picture, write the type of motion. Based on the work done by individual student, award grades.

Or

Concerned teacher shall answer and award grade to each student.

V. Communication through drawing and model making

1. The following table gives the maximum and minimum temperatures of july month. Show it through a bar graph.

Week	Maximum Temperature	Minimum Temperature
I Week	34.2 ⁰ c	27.5 ⁰ c
II Week	32.1 ⁰ c	25. ⁰ c
III Week	29. ⁰ c	23.3 ⁰ c
IV Week	26. ⁰ c	22.4 ⁰ c

VI. Aesthetic sense and values - Appreciation

1. Write your feelings when it is raining.
2. Make a doll using vegetables available.

VII. Bio diversity – Application to daily life - electricity

1. “We feel that the entire world would be stopped when there is power cut”.
Give reasons.
2. How is water useful to the human body?
3. What is required to close an electric circuit?

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Academic Standards	Components of food	Acids and bases	Silk and wool	Motion time	Heat	Weather climate	Effective unit	Total
Conceptual understanding	1	2	1	1	-	-	-	5
Posing questiong – making Hypothesis	-	-	-	-	2	1	-	3
Experiments field investigaiton	-	1	-	-	-	-	-	1
Collection of information projects	-	-	-	1	-	-	-	1
Drawing pictures and making models	-	-	-	1	-	-	-	1
Asethetic sense – appreciation values	1	-	1	-	-	1	-	3
Application in daily life – concern to	1	-	-	-	-	-	2	3
Total	3	3	2	2	3	2	2	17