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

Time : 2 ½ hrs
Name : .....
Subject : General Science
No : .....
Class : VI

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 the ingredients of the given food items?
   a. Coconut chutny b. Biryani c. Jelebi
2. Compare the legs and nails of a dog and a hen? What could be the reason of the differences?
3. Write any two things made of the following material
   a. Glass b. Metal c. Plastic d. Wood
4. Write the names of animals, birds and insects which live in the following table.

S. No	Habitat	Animals	Birds	Insects
1.	Trees			
2	Pond			
3				
4				

5. Explain the process of separation of tea powder from tea decoction?

II. Asking Questions and Making Hypotheses

1. Imagine and write the effect an water cycle, if the process of condensation does not take place in nature.
2. What will happen to the "food chain" if all the frogs die due to the use of pestisides and insectisides?
3. How can you say that the earth is a huge magnet?

III. **Experimentation and field Investigation**

1. The Teacher concerned awards grades to students based on his observation in the effective performance process of project work / experiments assigned from the syllabus layout to individual student.

IV. **Data Collection Information skills and project**

1. Make a list of different things available in your surroundings and classify them into transparent, opaque and translucent substances.

V. D**rawing and Model making modules**

1. Draw the pictures of magnets of following shapes

   a. Bar Magnet b. Horse shoe magnet c. Ring magnet

   d. Disc magnet

VI. **Aesthetic sense and values Appreciation**

1. Write the precautions you follow while purchasing packed food items from the market.
2. Your friend to you showing different trees in a garden. “Trees are the wonderful habitats”. How do you justify his statement.?
3. Harsha says “Rain is a wonder of nature”, how would you express this phenomenon?

VII. **Application to daily life and concern to bio diversity**

1. Sagar says “Pet animals shower love on us” How do you justify his statement?
2. “Some substances have the property of floating or sinking”. How do you use this property in your daily life?
3. “It is our responsibility to proteet our habitations”. What steps do you take to advocate the statement?

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S. No	Name of the Unit	As1	As2	As3	As4	As5	As6	As7	Total
1	Our Food	1	-	-	-	-	1	-	2
2	Playing with magnets	-	1	-	-	1	-	-	2
3	Where does rain come from?	-	1	-	-	-	1	-	2
4	What do animals eat	1	1	-	-	-	1	-	3
5	Materials and things	1	-	-	1	-	1	-	3
6	Habitat	1	-	-	-	-	1	-	(2+1)
7	Separation of substances	1	-	-	-	-	-	1	2
	Total	**5**	**3**	**1**	**1**	**1**	**3**	**3**	**17**

Rajiv Vidya Mission (SSA) A.P., Hyderbad
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Time : 2 ½ hrs
Name : .....
Class : VII
Roll No : .....
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 under standing

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 temparature by taking it out. Was swathi correct? If so why?
2. You may be enjoying the ice cream often. Can you guess its temparure?
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	34.2^0c	27.5^0c
II Week	32.1^0c	$25.^0$c
III Week	$29.^0$c	23.3^0c
IV Week	$26.^0$c	22.4^0c

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**

Rajiv Vidya Mission (SSA) A.P., Hyderbad
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Model Paper

Time : 2 ½ hrs
Name : ..... **Class : VIII**
Roll No : ..... **Subject : Bio 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 under standing

1. Which branch of science helps us in producing the plant with desirable characters.
2. Who is called "Wizard of the wonder Drugs", what are his inventions?
3. Expand the CCMB? where it is located in our country.
4. Their is no reproductive process in viruses. But it produtes its own type of viruses. How?
5. How do you prepare cheese?

II. Asking Questions and Making Hypotheses

6. Write two questions for conduction of Quiz on useful living organisms.
7. Ramu watched his Mother adding curd in cold milk. Can you guess what Ramu had, expected to happen next?
8. 'Raheem's dog was dead his father threw it in the out skirts of the village. After some days Raheem saw that the bones of the dog were remained. Can you guess what would have happened to that dog?

III. Experimentation and field Investigation

9. The Teacher should award grades based on the participation of the individual in experiments / field trips conducted up to september.

IV Information and project

10. The Teacher should analyse projects conducted by students up to september and award grade.

V. **Communication through drawing and model making**

11. Draw and lable the diagram of Amoeba.

VI **Appreciation Aesthetic sense and values - Appreciation**

12. Rama's teacher told that bio organic ferilizer is better than artifical fertilizer.
13. What would have happened if the process of pasteurisation is not discovered?
14. There are lot of mosquitoes in Madhu's home. What care should Madhu take to get rid of them?

VII. **Application to daily life and concern to bio diversity**

15. How do you justify the statement some bacteria produce antibiotics?
16. What prepaupions can be taken to avoid the diseases like chicken pox?
17. "The Knowledge about the classification of animals helps us to know more about different kinds of animals". Support this statement

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Model Paper

Time : 2 ½ hrs
Name : .....
Class : VIII
Roll No : .....
Subject : Phy Sci ence

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. Explain about our Universe briefly.
2. Give two examples for each of scalar and vector quantities.
3. Classify the following into physical and chemical changes and write reasons?
   a. Burning a piece of wood b. Curdling of milk
   c. Magnetising the piece of iron d. Evaporation of water
4. What information does the following chemical equation convey?
   $Caco_3$+2 Hcl $\longrightarrow$ $Cacl_2$+H20+Co_2
5. What is meant by law of conservation of mass? Give an example.

II. Asking Questions and making Hypotheses

1. Write two questions or characteristics of a planets and stars.
2. The person runs for a long distance, before taking the "Long Jump" . Guess and write the reason.
3. Based on the your observations on changes while heating copper carbonate, write the changes on heating Calcium Carbonate.

III. Experimentation and field Investigation

1. The teacher has to assess and grade students based on their skills in conducting experiments using vernier callipers in class room. He shall take the following in to account :
   a. Correcting zero error b. Fixing the object between jaws
   c. Finding vernier coincidence exactly d. Recording the readings
   e. calculation

IV. **Information skills and project**

1. The Teacher should assess the students based on the project work conducted. Example :
    1. Information about our universe
    2. Finding the area of irregular bodies
    3. Making of the objects / toys based on centre of gravity.

V. **Communication through drawing and model making**

1. Draw a diagram of any object that works based on Newtons third law. Explain its working.

VI **Appreciation - Aesthetic sense and values**

1. You have studied about stars, planets, meteors, zodiacs etc. in the lesson "Our universe". How do you feel when you look at the sky during nights?
2. You know that many substances we use in our day to day life are chemical substances. They have formulae which are used in our daily life. What happens if the substances are not indicated by their formulae?
3. What happens if there are no specific units for physical quantities?

VII. **Application to daily life and concern to bio diversity**

1. Write four events where the laws of stability hold good in our daily life.
2. Write five applications of Newton's laws of Motion in our day to day life.
3. Write names of few substances that are used in our day to day life which change on heating.