

SCIENCE

Holiday Homework 2016

CLASS-VI

- Q1. Prepare a diet chart to provide balance diet to a 12 year old child.*
- Q2. List a table of some diseases/disorders caused by deficiency of vitamin and minerals.*
- Q3. Observe preparation of dishes at your home identify two changes that can be reversed.*
- Q4. Write any 5 food items and their ingredients.*
- Q5. Write any 10 animals and their food.*
- Q6. Make a list of food items generally taken by people of different region in India. Place these on a outline map of India to display in your classroom.*
- Q7. Draw any 6 figure from your N.C.E.R.T book.*
- Q8. Name any 5 sources of each –carbohydrates, fats and protein.*
- Q9. Learn all chapters from 1 to 3 for FA1.*

CLASS –VIII

SCIENCE 2016

- Q1. Learn and revise all the chapters 1 TO 3 for FA1.*
- Q2. Read chapter 4 and 5 .From each chapters write 5 keywords and 5 question-answer.*
- Q3. Collects different types of seed of Rabi crop and Kharif crop and put them in a small bags .
Attach the bags in a file and label them.*
- Q4. Collect pictures of new agricultural machines and paste them into a file with their name and use.*
- Q5. Describe an activity to show that organic waste is biodegradable while plastic is not.*
- Q6. Write any 5 physical and 3 chemical properties of metal and non-metal with their use.*
- Q7. Write the biography of 5 scientist and also write his/her contribution in their field.*

B.S.F SR. SEC. SCHOOL

HOLIDAY HOMEWORK

CLASS- VIII “B”

SUBJECT- SCIENCE

Q1.Learn all the chapter which were taught in the class ?

Q2.Read chapter 4 and 5.select 5 keywords and 5 questions from each chapter with their answers?(Except exercises)

Q3.Collect different types of seeds (kharif and rabi crop seeds)and put them in small bags and attach there bags in a file and label them?

Q4.Collect new agricultural machine pictures and paste in a home assignment copy with their names and uses?

Q5.Collect labels from the bottles of jams and jellies. Write down the list of printed on the labels (At least 3 each)?

Q6.Describe an activity to show that organic waste is biodegradable while plastic is not?

Q7.Paste the pictures of any four metals and non metals .the pictures should have information like name of metal/non metal, its physical properties, chemical properties and its uses?

CLASS-IX

SCIENCE 2016

Q1.Learn all chapters taught in the class.

Q2.Why does the temperature of substance remains constant during its m.p. or b.p?

Q3.Ravi added small amount of common salt to water taken in a graduated cylinder.On dissolution, there was no detactable change in the level of water .Explain why it is so.

Q4. Draw displacement-time graph for the following situation.

- 1. When body is stationary.**
- 2. When body is moving with uniform velocity.**
- 3. When body is moving with variable velocity.**

Q5. A biker rides 700m north, 300m east, 400m north, 600m west, 1200m south, 300m east, and finally 100m north. Draw the path of motion of biker. What distance did he cover? What was his displacement?

Q6. Drive following equation's for a uniformly accelerated motion

- 1. $v = u + at$**
- 2. $s = ut + \frac{1}{2} at^2$**
- 3. $v^2 - u^2 = 2as$ where the symbols have their usual meaning.**

Q7. A truck running 90km/hr is brought to rest over a distance of 25m. Calculate the retardation & time for which breaks are applied.

CLASS-X SCIENCE 2016

Q1. Write name of 10 scientists and their contributions in their fields.

Q2. Write two examples of everyday life, where redox reactions are taking place.

Q3. Oil and fat containing food items are flushed with nitrogen, why?

Q4. Write different types of chemical reactions with one example of each.

Q5. A wire connected to a bulb does not glow whereas the filament of bulb glows when the same current is passed through it, why?

Q6. Three resistors R_1 , R_2 , & R_3 are connected in parallel and the combination is connected to battery, ammeter, voltmeter and key. Draw suitable diagram. Obtain an expression for the effective resistance of the combination of resistors in parallel.

Q7. State ohm's law. How can it be verified.

Q8. Potential difference between two points A & B in an electric field is 1V. Explain the

statement.

Q9.Explain joule's law of heating.