



Class VIII/Assignment 1

30 March 2020

PHYSICS:

- Q. 1 Define work. Give its SI unit.
- Q. 2 Define energy. Give its SI unit.
- Q. 3 What is mechanical energy? What are its two types?
- Q. 4 Define potential energy. Give at least two examples.
- Q. 5 Define kinetic energy. Give at least two examples.
- Q. 6 A stone rolling down a hill, what type of energy does stone possess? Kinetic Energy, Potential Energy or both. Explain
- Q. 7 Give at least two differences between Kinetic Energy and Potential Energy
- Q. 8 What are two factors on which Potential Energy of a body depends?
- Q. 9 State two factors on which Kinetic Energy of a body depends?
- Q. 10 Can a body possess energy even when it's not in motion? Explain by giving an example.
- Q. 11 Two bodies A and B of masses 10 kg and 20 kg respectively are at same height above the ground. Which of the two has greater potential energy?
- Q. 12 A cyclist's speed doubles. How will his kinetic energy change? Increase, Decrease or remain same?
- Q. 13 Name the form of energy which a wound up watch spring possesses.
- Q. 14 Give an example of conversion of Electrical Energy to Mechanical Energy.
- Q. 15 State the energy change in using a mobile phone.
- Q. 16 Define power. State its SI unit.
- Q. 17 Differentiate between work and power.
- Q. 18 State two factors on which power of a body depends.
- Q. 19 Fill in the blanks
- a) 1 KW = _____ watt
- b) 1 Horse power (H.P) = _____ watt
- Q. 20 It takes 20s for a girl A to climb up the stairs while girl B takes 15s for the same job. Compare (a) work done (b) power spent by them.

CHEMISTRY:

Chapter - Language of chemistry

In copy:

- 1) Draw Valency chart given on page 49 and learn it.
- 2) Do questions 1,2,3,5,7,8 (19 formulas), 12 (6 word equations), & 13 (21 equations to balance).

In book- solve objective type questions given on page 59.



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BIOLOGY:

Chapter 2:- Reproduction in Plants

Topic:- Flower (Page 20 & 21)

1. Define Flower
2. Name the main four parts of a flower
3. Write functions of the following- (a) Sepals (b) Petals (c)Stalk or Pedicel (d) Thalamus
4. Name the male part of a Flower & its different subparts
5. Name the female part of a Flower & its different subparts
6. What is produced in the Anthers?
7. What is produced in the Ovary?
8. Which part of the flower forms- (a) Seeds (b) Fruit
9. Draw and label all parts of flower
10. Fill in the blanks
 - (a) The outermost whorl formed by sepals is called_____.
 - (b) The second whorl formed by petals is called _____.
 - (c) The third whorl formed by stamens is called _____.
 - (d) The fourth innermost whorl formed by carpels is called _____.

NOTES-

- You Are Already Familiar With Topic Flower As You Have Studied Floral Parts In Class VI. Learn This Topic Thoroughly.
- Do The Given Work In Your Interleaf Biology Notebook.
- A Worksheet Will Be Given To You Next Week To Test Your Understanding.

HISTORY:

Chapter -6 The Great uprising of 1857

Read the topics given below thoroughly

1. Causes of the uprising – Pg 79.
2. Social and Economic causes – Pg 80.
3. Economic causes – Pg 80-81.
4. Political causes – Pg 81-82.
5. Military causes – Pg 82-83.
6. Immediate causes – Pg 83.
7. Outbreak of the Revolt – Pg 83.
8. Events at Meerut – Pg 84.
9. Events at Delhi – Pg 84-85.
10. Events at Kanpur – Pg 85.
11. Events in Central India – Pg 85.
12. Event at Lucknow – Pg 85-86.
13. Other parts of India – Pg 86.
14. Suppression of the Revolt- Pg 86.
15. Results and effects of the Revolt – Pg 85-88.



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GEOGRAPHY:

1. In the political map, given in the Map booklet, color and label all the states, their capitals and the Union Territories.
2. Read Chapter 2 – Population.
Try to do the objective exercise given at the end of the lesson (write answers in the textbook itself)

COMPUTER:

Read Chapter – 2 (Spreadsheet – Functions and Charts)

Read page number – 19 to 23 from your text book and learn answers of the following questions on the basis of above mentioned page numbers.

1. Define MS – Excel.
2. Differentiate between –
 - a. Cell and Active cell
 - b. Row and column
3.
 - . Define range of cells.
 - . How will you rename a worksheet?
 - . How will you delete a worksheet?