

**DELHI PUBLIC SCHOOL
BOKARO STEEL CITY**

ASSIGNMENT FOR THE SESSION 2014-2015

Class: VI

Subject : Science & Tech.

Assignment No. 2

Section – A : Physics

1. What is loading? Name the chemical used for this process.
2. Draw a well labelled diagram for the following:
a) Separating funnel b) filtration
3. With the help of a diagram explain how will you separate the mixture of sand and iron fillings?
4. What are miscible and immiscible liquids? How can you separate immiscible liquids?
5. What do you mean by a saturated solution? How can the rate of saturation be increased?
6. Write three differences between Physical and Chemical change.
7. Explain with the help of an activity that light travels in a straight line. Draw diagram also.
8. Distinguish between
a) Real and virtual image.
b) Shadow and image.
9. Rest and motion are relative to each other. Explain.
10. a) While measuring the length of a rod, the reading of the scale at one end is 2.5 cm and the other end is 27.5 cm. What is the length of the rod?
b) Convert 1km into mm and 1mg into gram.

Section – B : Biology

1. What are 'energy giving foods'? Which one gives more energy as compared to consumption of same amount - Fats or carbohydrates?
2. Why should we consume protein?
3. What are roughage? What role do they play in our body?
4. What are balanced diet?
5. Raju is becoming obese and he is still eating too much fat rich foods? Suggest a method so that he can overcome from such situation.
6. What are deficiency diseases? How can we prevent such diseases?
7. Make a table of deficiency diseases and their causes.
8. What are fibres?
9. Differentiate between synthetic and natural fibres.
10. Define ginning, spinning, weaving and knitting.

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