

**Guru Gobind Singh Public School,
Sector 5, Bokaro Steel City**

Sub : Physics Winder Holiday Assignment (2019-20)

Class – 6

1. On a sunny day, when we pass under a tree covered with large no. of leaves, we often see bright circular patches of light on the ground (under the tree)
- What are the bright circular patches of light?
 - Name of the object (source of light) in this case.
 - What acts as screen in this case?
 - Which effects illustrated by the everyday observation described above?

2. Look at the table given below

Parts of Magnet	No. of paper clips attached
A	7
B	3
C	8
D	4

Which part of the magnet are the poles

- a) A and B b) B and B c) A and C d) B and C
3. Draw a neat and clean labelled diagram
- to show working of periscope
 - of a magnetic compass
4. Learn all the text book exercises of the chapter Light & Fun with magnet.

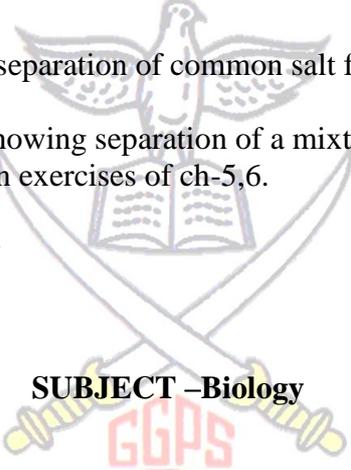
1.ANSWER THE FOLLOWING QUESTION :---

- i) The mixture of a powdered white solid P and a liquid Q can be separated by filtration. The solid P is left behind on the filter paper but clear liquid Q passes through the filter paper and collects in the beaker kept below
- Name one solid which could be like P
 - Name the liquid which Q could be
 - What name is given to the solid left on the filter paper ?
 - What name is given to the clear liquid collected in the beaker ?
- ii) When a liquid X is added to a grey powdery substance Y slowly sets into a hard mass . A thick paste of substance Y and sand made in liquid X is used for plastering the walls of houses
- What could the liquid X be ?
 - Name the substance Y.
 - What type of change occurs on adding X to Y ?

2. ACTIVITY:--

- Draw the diagram showing the separation of common salt from water by the process of evaporation .
 - Draw the process of filtration showing separation of a mixture of insoluble solid and liquid.
3. Learn question answers given in exercises of ch-5,6.

***Do question 1and2 in stick file.**



SUBJECT –Biology

Class- 6

Answer the following questions

- The petals of flower A open up at night but close during the day time. On the other hand, the petals of flower B open up in the morning but close after sunset.
 - Name one flower which behaves like A
 - Name one flower which behaves like B.
- What is the stimulus which is responsible for this behavior of the flowers?
- A, B and C are some of the parts of the human skeleton. Part A is a long , hollow, rod like structure which encloses and protects the spinal cord. Part B is the top end of part and it protects the brain. Part C is the lower end of Part A and forms two balls and socket joints with thigh bones. What are A, B and C.
- To make a list of biodegradable and non biodegradable garbage.
- Make a report on topic-**

Plastics are boon as well as curse

Activity

- To show the process of germination of seed on chart paper.
- Show the adaptation in camel and fish through drawing.
- Learn all the question- answer of the following chapter of text book
 - Body Movement and
 - Characteristics of living things
