

**DELHI PUBLIC SCHOOL, JAMMU**  
**SESSION (2019-20)**

**Class- VI**

**REVISION SHEET FOR CYCLE TEST II**

**SUB- SCIENCE**

SYLLABUS – CHAP 7 GETTING TO KNOW PLANTS

CHAP- 11-LIGHT SHADOWS AND REFLECTION

CHAP- FUN WITH MAGNETS

CHAP- AIR AROUND US

**General instructions:**

1. The question paper consists of three sections A, B and C. The sections are to be attempted separately. All questions are compulsory
2. All questions in Section A are one mark question comprising VSA type, assertion-reason type questions and MCQ
3. All questions in section B are three marks, short answer type questions. These are to be answered in 50 – 60 words each
4. All questions in section C are five marks, long answer type questions. These are to be answered in 80 – 90 words each.
5. This question paper consists of a total of 18 questions.

**SECTION-A**

1. Define Optical medium
2. What are Magnetic keepers?
3. Answer the following questions on the basis of your understanding of the following paragraphs and related studied concepts :  
The burning of fuels such as coal, coke petroleum products, wood, etc produces carbon dioxide, water vapour, and smoke and heat energy. The smoke contains carbon particles and some harmful gases, which can cause air pollution. So in big factories where the above fuels are used, tall chimneys are provided. These chimneys carry the harmful gases and smoke to the upper layers of atmosphere and prevent pollution of air to some extent.
  - a) What harmful products are formed by the burning of fuels?
  - b) Why do factories have tall chimneys?
  - c) What does the smoke coming out from the chimneys of factories contain?
4. For question 4, two statements are given - one labeled assertion ( A) and other labeled reason ( R ).Select the correct answer to these questions from the codes (i) , (ii), (iii) (iv) as given below:  
Assertion (A):  
The nitrogen is used for making fertilizers needed for agriculture.  
Reason (R):  
Fertilizers are required by plants to grow
  - I) A is true but R is false
  - II) Both A and R true and R is correct explanation of A
  - III) A is false but R is true
  - IV) Both A and R are true but R is not correct explanation of A
5. A body which emits light by itself is
  - a) Luminous body
  - b) Non luminous body
  - c) Opaque body
  - d) Shadow

6. When we move an object away from the source of light the shadow of the object \_\_\_\_\_
- (a) Becomes bigger  
(b) Becomes smaller  
(c) remains the same  
(d) disappears

**SECTION –B**  
**SHORT ANSWER TYPE II**

7. Why is flower important to a plant? Name its parts from outside to center?  
OR  
Why is photosynthesis essential for plants? Write its chemical reaction.
8. How will you use pinhole camera to see the solar eclipse? What precaution is necessary in its use?
9. Answer the following questions on the basis of diagram



- a) The diagram shown is of ?  
b) What is the function of this simple device?  
c) What happens when the north pole of a permanent magnet is brought near the south pole of this simple device?
10. How do the plants and animals help each other by the exchange of gases present in the air?  
11. State three conditions for the formation of shadow.  
12. Classify the following objects as magnetic or non magnetic.  
A shaving blade, a plastic ruler, a steel cupboard, a piece of chalk, a blade of knife, and wooden stick .  
13. Make a list of all components of air.  
14. Mention three differences between roots and stems.  
15. How are bar magnets stored explain?

**SECTION –C**

**LONG ANSWER QUESTIONS:**

16. What is transpiration and how can you demonstrate it in plants?  
17. What is the principle of pinhole camera? State the three characteristics of the image formed in the pinhole camera. (draw diagram).  
18. By a simple experiment prove that air is essential for burning.