

## BLUEPRINT OF SCIENCE WEEKLY TEST

### CLASS VI

S.No.	Type of question	No. of questions	marks	total
1	Multiple choice questions	4	1	4
2	Correct the incorrect statements	4	1	4
3	Give one word	4	1	4
4	Value based	1	3	3
5	Very short	5	2	10
6	Short answer	5	3	15
7	Long answer	5	5	10
	Total			50

### DELHI PUBLIC SCHOOL, BAHADURGARH

#### CLASS VI (GENERAL SCIENCE)

#### Sample Paper

**DURATION: 3 HRS**

**MAX MARKS: 90**

DATE:

MULTIPLE CHOICE QUESTIONS (Each carry 1 mark)

- Oil can be extracted from  
(a) seeds of soybean (b) spinach leaves (c) sugarcane (d) wheat
- An example of a complete food is  
(a) milk (b) carrot (c) pulses (d) fish
- The disease characterised by swollen thyroid glands is  
(a) rickets (b) goitre (c) night blindness (d) scurvy
- Once cotton is harvested it is sent for  
(a) weaving (b) knitting (c) polyester (d) nylon
- Wood is  
(a) soft & transparent (b) soft & opaque (c) hard & opaque (d) hard & transparent
- The joint between fingers is the  
(a) pivot joint (b) gliding joint (c) hinge joint (d) ball & socket joint
- Which of the following is a good conductor of electricity?  
(a) graphite (b) dry air (c) wood (d) plastic
- The gas responsible for suffocation in a closed room  
(a) nitrogen (b) carbon dioxide (c) oxygen (d) none
- Air contains  
(a) water vapour (b) dust (c) smoke (d) all of these
- Wastes are decomposed by ..... in the soil  
(a) micro-organisms (b) nitrogen (c) air (d) water

FILL UP THE BLANKS(Each carry 0.5 mark)

11. Wastes that rot due to action of micro-organisms are called .....
12. The blanket of air around the Earth is called .....
13. A material through which electric current can pass through easily is called a .....
14. A ..... either breaks or completes the electric circuit.
15. The .....jaw is the only movable part of the skull.
16. The ..... protects the lungs and heart.
17. Green plants manufacture their food only in the presence of .....
18. Excess intake of fats causes .....
19. .... involves making fabric by arranging two sets of yarn
20. A feather ..... on water.

CORRECT THE WRONG STATEMENT(Each carry 1 mark)

21. Green plants are called consumers.
22. A process in which waste materials are converted to new useful products is called reducing.
23. Deep sea divers carry carbon dioxide cylinders when they go deep in the sea.
24. Plastic is a good conductor of electricity.
25. Muscles form the skeleton of the human body.

DRAW AND LABEL PARTS (5 marks)

26. (a)An open circuit      (b)A closed circuit    (c)A circuit with a switch

MATCH THE FOLLOWING(Each carry 0.5 mark)

- |                            |                          |
|----------------------------|--------------------------|
| 27. Banana chips           | frosted glass            |
| 28. Protective food        | bio-degradable           |
| 29. natural fibre          | does not support burning |
| 30. hardest substance      | cotton                   |
| 31. translucent object     | people of south India    |
| 32. movable joint          | diamond                  |
| 33. bad conductor          | humidity                 |
| 34. amount of water in air | hinge joint              |
| 35. vegetable peel         | wood                     |
| 36. carbon dioxide         | vitamins                 |

VERY SHORT ANSWER QUESTIONS(Each carry 2 marks)

37. what is composting?
38. A small wooden chair caught fire. A family member threw a woollen blanket over it covering the burning chair completely. Why?
39. Why are metal wires covered with plastics?
40. What are opaque onjects? Give an example.
41. Spices are added to food while cooking. Why?

42. Roughage has no nutritive value but should be included in our daily diet. Why?
43. Why do electricians wear rubber gloves while repairing electric wires?
44. A mason after working on a construction of a building feels very weak and tired. What nutrient is required by him to regain his energy?

SHORT ANSWER QUESTION(Each carry 3 marks)

45. Food habits of people differ in different regions of India. Explain by giving an example.
46. Define the following terms  
(a)nutrients (b)non-biodegradable wastes (c)open circuit
47. Distinguish between spinning and ginning.
48. Why do some objects float in water and others sink in water?
49. Briefly describe the locomotion in an earthworm.
50. How do muscles help in movement in a human body?
51. Distinguish between insulators and conductors.
52. List any 3 uses of air.

LONG ANSWER QUESTIONS(Each carry 5 marks)

53. (a)Why is it better to use compost in place of chemical fertilizers?  
(b)Why should dried leaves not be burnt?
54. (a)Name the 4 kinds of movable joints. Give one example to explain where they are located in the body.
55. Name the major components of our food. List their functions.
56. Name any three animal products that are eaten as food. State the animal sources also.

**DELHI PUBLIC SCHOOL BAHADURGARH**  
**Sample Paper**  
**ANNUAL EXAM (SA2)**  
**G.SCIENCE(SET-1)**

**Date:**  
**Duration:3hrs**  
**MM: 90**  
**Total Pages:**

**CLASS – VI**

**5**

***General Instructions:***

- i) All the questions are necessary to attempt.***
- ii) Draw diagrams wherever necessary. Draw diagrams with pencil only.***

**1. MULTIPLE CHOICE QUESTIONS :**

**(0.5×16=8)**

1. Grains or seeds are separated from the stalk by

- a) Hand-picking      b) Winnowing      c) Sieving      d) Threshing
2. Baking a cake is an example of
- a) Physical change      b) Irreversible change      c) Chemical change      d) Both b and c
3. Which of the following is female reproductive part of a plant?
- a) Stamen      b) Carpel      c) Sepal      d) Petal
4. Rivers and lakes are the example of which of these aquatic habitats?
- a) Marine      b) Freshwater      c) Coastal      d) None of these
5. Metre is the S.I unit of
- a) Length      b) Mass      c) Volume      d) Speed
6. A magnetic compass is generally used
- a) to draw a circle      b) to make other magnets      c) to find directions      d) to attract iron
7. Which of these is not the part of a pinhole camera?
- a) Box      b) Tiny hole      c) Lens      d) None of these
8. How much of the Earth's water is readily available to us as fresh water?
- a) 97%      b) 3%      c) 75%      d) None of these
9. Which of the following is soluble in water?
- a) Chalk      b) Sugar      c) Sand      d) Wood
10. The order of expansion in solid, liquid, and gas
- a) solid > liquid > gas      b) solid < liquid < gas      c) solid > gas > liquid      d) solid < gas < liquid
11. Which of the following is a function of roots?
- a) Anchoring the plant      b) Photosynthesis      c) Protection      d) Transpiration
12. Organisms adapt to their habitat by which of the following means?
- a) Changes in body      b) Changes in behavior
- c) Changes in location      d) All of these
13. 2500m equals
- a) 25 inches      b) 25 c.m      c) 2.5 k.m      d) 2.5 c.m

14. The earth acts like a giant

a) Horseshoe magnet      b) Bar magnet      c) Electromagnet      d) Does not act like a magnet

15. The shadow of an object does not show

a) Shape of the object      b) Colour of the object  
c) Outline of the object      d) None of these

16. Which of the following processes play a key role in cloud formation in rain?

a) Evaporation      b) Condensation      c) Respiration      d) Both a and b

## 2. FILL IN THE BLANKS (0.5×16=8)

- A. Cream is separated from milk by \_\_\_\_\_.
- B. Banana leaves have \_\_\_\_\_ venation.
- C. Ripening of fruits is an example of \_\_\_\_\_ change.
- D. A camel stores food in its \_\_\_\_\_.
- E. Movement of pencil on paper while writing is an example of \_\_\_\_\_ motion.
- F. Like poles of two magnets \_\_\_\_\_ each other .
- G. \_\_\_\_\_ objects do not allow light to pass through them.
- H. Process of loss of water from the pores in the leaves is called \_\_\_\_\_.
- I. The substance in which the solute dissolves is called a \_\_\_\_\_ .
- J. \_\_\_\_\_ causes steam to change into water.
- K. The exchange of gases in plants take place through the \_\_\_\_\_ .
- L. Zebra is a common animal found in \_\_\_\_\_ .
- M. 5000m = \_\_\_\_\_ km
- N. When like poles are brought close to each other, they \_\_\_\_\_ each other .
- O. Sun is a \_\_\_\_\_ source of light.
- P. \_\_\_\_\_ of the earth's surface is covered with water.

## 3. CORRECT THE INCORRECT STATEMENT (1×5=5)

A. A Magnet has **four** poles.

- B. A car moves in **periodic** motion.
- C. Dolphin breathes with the help of their **skin**.
- D. The arrangement of veins in a leaf is termed as **pollination**.
- E. **Heating** causes steam to change into water.

**4. Draw a neat diagram of flower and elaborate the following parts : (1×5=5)**

- a) Anther   b) Filament   c) Stigma   d) Style   e) Ovary

**5. VALUE BASED QUESTION :** ( 4 mark)

Sunaina was going to market. On her way she saw a poor old lady holding a stick with a magnet attached to it. She stood there to watch her activities keenly. She found that many things were attracting towards the magnet. The lady was putting them in her sack. When asked, she replied that she earns her livelihood by selling these things. Sunaina was very impressed by the old lady.

Q1 Why did old lady collect these things?

Q2 Which of the following things would attract towards magnet-Pin, Iron scale, Wooden stick.

Q3 What values are shown by sunaina and old lady?

### **SECTION-B**

**Very short answer questions :** (2×11=22)

1. Differentiate between sedimentation and decantation.
2. Why is burning of paper an irreversible process?
3. What is venation? What are the two types of venation?
4. Name five major habitats on the earth.
5. What are the standard units? Give an example.
6. Name two modern devices in which magnets are used?
7. Give one example each of natural and artificial sources of light?
8. What are some of the important sources of fresh water?
9. What is the S.I unit of distance and mass?
10. Write two functions of leaf?

11. What is the effect of heating and cooling on some materials ?

**Short answer questions :**

(3×6=18)

1. Write a short note on:

a) Threshing b) Winnowing

2. Write three differences between physical change and chemical change.

3. What is pollination ? What are its types?

4. Differentiate between Habitat and adaptation.

5. Identify the type of motion?

a) A stone thrown up in the air.

b) The plucked string of a guitar.

c) The blades of a rotating fan.

6. What is a temporary magnet. Name a substance that can be used to make permanent magnet?

**Long answer questions :**

(5×4=20)

1. Explain the water cycle in detail with a neat diagram.

2. What happens when light falls on the object? Classify different objects on this basis.

3. Explain briefly how would you classify objects as magnetic or non-magnetic if you are given a bar magnet. Give two examples of each.

4. Write the adaptations for

a) Deserts( both plants and animals)

b) Mountains and polar regions

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**DELHI PUBLIC SCHOOL BAHADURGARH**

**Sample paper**

**ANNUAL EXAM (SA 2)**

**G.SCIENCE (SET-2)**

**Date:**

**CLASS – VI**

**General Instructions:**

***i) All the questions are necessary to attempt.***

***ii) Draw diagrams wherever necessary. Draw diagrams with pencil only.***

**1. MULTIPLE CHOICE QUESTIONS :**

**(0.5×16=8)**

1. Name the process used for the separation of Bran from wheat flour?

- a) Hand-picking   b) Winnowing                      b) Sieving                      d) Threshing

2. Inflating of tyres is an example of

- a) Reversible change                      b) Irreversible change  
c) Chemical change                      d) Both b and c

3. Which of the following is male reproductive part of a plant?

- a) Stamen                      b) Carpel                      c) Sepal                      d) Petal

4. Which of these is true about the movement of the sunflower plant?

- a) Shows movement                      b) The sun is the stimulus  
c) Shows response                      d) All of these

5. What is the S.I unit of length?

- a) k.m                      b) m                      c) c.m                      d) m.m

6. Which of the following is most appropriate to make a good temporary magnet?

- a) Iron                      b) Cotton                      c) Glass                      d) Wood

7. Which of these will not form a shadow ?

- a) A child                      b) Clear glass                      c) A tree                      d) A cloud

8. What is water used for human consumption known as?

- a) Potable water   b)Irrigation water                      c) Rain water                      d) None of these

9. Which method is used when the quantity of the mixture is small?

- a) Centrifugation                      b) Sedimentation                      c) Sieving                      d) Hand-picking

10. The expansion gaps are kept in railway tracks because of



- a) Expansion of rails in hot weather      b) Contraction of rails in hot weather
  - c) Expansion of rails in cold weather      d) Contraction of rails in cold weather
11. At which of these points do new leaves arise?
- a) Nodes                      b) Internodes                      c) Prop roots                      d) None of these
12. The habitat of yak is
- a) Deserts                      b) Mountain regions                      c) Grasslands                      d) None of these
13. 250cm equals
- a) 25 mm                      b) 250 mm                      c) 2.5 m.m                      d) 0.25m.m
14. Like poles of a magnet
- a) Attract each other                      b) Repel each other                      c) Both a and b                      d) None of these
15. Which shows the colour of an object?
- a) Image                      b) Shadow                      c) Glass                      d) Both a and b
16. The process of conversion of vapour into liquid is known as
- a) Evaporation                      b) Condensation                      c) Respiration                      d) Sedimentation

**2. FILL IN THE BLANKS** (0.5×16=8)

- A. Water and mustard oil can be separated by \_\_\_\_\_.
- B. Swinging of a pendulum is a \_\_\_\_\_ Change.
- C. \_\_\_\_\_ is the innermost part of a flower.
- D. \_\_\_\_\_ is the organism hunted by predator for food.
- E. A type of motion that repeats after equal interval of time is called \_\_\_\_\_ motion.
- F. Unlike poles of two magnets \_\_\_\_\_ each other.
- G. \_\_\_\_\_ objects partially allow light to pass through them.
- H. The loss of water through stomata is called \_\_\_\_\_.
- I. The substance which is added in the solvent is called a \_\_\_\_\_ .
- J. A solution that cannot dissolve more solute is called a \_\_\_\_\_ solution.
- K. The green pigment present in leaves is called \_\_\_\_\_.
- L. The blue whale lives in \_\_\_\_\_ habitat.

M. 10mm = \_\_\_\_\_ cm.

N. A magnet has \_\_\_\_\_ poles.

O. Candle is a \_\_\_\_\_ source of light.

P. A lot of water escapes into the atmosphere through \_\_\_\_\_ .

**3. CORRECT THE INCORRECT STATEMENT**

(1×5=5)

A. Sugar in the **solid** form dissolves first.

B. The string of a guitar shows **rectilinear motion**.

C. Magnetic poles are the strongest at the **middle** of the magnet.

D. The transfer of pollen grains from anther into stigma is called **transpiration**.

E. Water found in rivers, lakes and ponds is called **salt** water.

**4. Draw a neat diagram of leaf and elaborate the following parts :(1×5=5)**

a) Lamina   b) Petiole   c) Midrib   d) Veins   e) Tip

**5. VALUE BASED QUESTION :**

( 4 mark)

Dear students you must have heard the story of a lion and a rabbit, in the story rabbit forced the lion to jump in to the well with his wisdom. He befuddled the lion by saying that there was another lion in the well. When the lion peeped in to the well, he saw another lion in the water. He jumped into the well out of rage and died.

Q1 Do you think, there was another lion in the well?

Q2 What did lion actually see in the well?

Q3 What moral values did you learn?

**SECTION-B**

**Very short answer questions :**

(2×11=22)

1. Give two examples of heterogeneous mixture?

2. Write two characteristics of chemical change.

3. What are creepers? Give one example.

4. Name one each of large and small animals living in grasslands.

5. What is meant by periodic motion. Give one example.

6. Write two characteristics of shadow?

7. Write two uses of magnets?
8. How are clouds formed?
9. What is a magnetic compass? For what purpose it is used?
10. Write two functions of stem?
11. What is meant by the term habitat. Name the three main habitats in our biosphere?

**Short answer questions :**

(3×6=18)

1. Write a short note on :
  - a) Hand-picking
  - b) Sedimentation
2. Write three differences between reversible change and irreversible change.
3. Differentiate between fibrous root and tap root with two example of each.
4. Write two characteristics of which the camel has adapted to survive in deserts?
5. Explain the types of motion with one example of each.
6. Define magnetic and non-magnetic substances. Give one example of each.

**Long answer questions :**

(5×4=20)

1. What is meant by conservation of water ? Suggests three method to conserve water.
  2. Explain how materials are classified as transparent, translucent and opaque with suitable examples.
  3. Name five things that can be made from wood.
  4. Write the adaptations for
    - a) Aquatic( both plants and animals)
    - b) Grasslands and deserts
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