Brilliant Public School

Seepat Road, Bahatarai, Bilaspur (C.G.)
Annual Examination – 2017-18
Class - VI
Subject – Science

Time: 2:30 Hrs.   M.M. 80
Date: 26.02.2018   Monday

General instruction:

a) Attempting questions are compulsory.

b) All the answer should be written in the provided answersheet with correct question number.

c) Do not write anything in the Question Paper except your Roll No.

d) Overall choices are not given but internal choices are given.

e) Draw diagrams using pencil and label them in block letters.

f) Only blue colour ball point pen should be used for writing. Outline should be drawn after the completion of every answer with pencil.

g) Support the answer with necessary diagram if required. Draw a right side margin to do the rough work/ calculations.

h) *IV. is a value based question.

Section-A

I.   Answer in one word   (1x2=2)

   1 Name a disease caused by lack of protein.

   2. Name the layer of atmosphere which absorbs harmful ultraviolet rays.

II.   Answer the following questions. (20-30 words)   (2x3=6)

   1. What happens if the percentage of oxygen in air reaches to 70%?

   2. Why does our elbow cannot move backwards?

   3. What role does dietary fibres play in our body?

III.   Answer the following question. (40-60 Words).   (any – 9)   (3x9=27)

   1. A balanced diet is not the same for everyone. Give any two reason.

   2. Write three functions of stem.

   3. What is cartilage? Name some of our body parts where it is found.

   4. Explain with the help of mind map the adaptation of camel in desert.

   5. Differentiate between image and shadow.

   6. The handles of tools like screwdrivers and pliers used by electrician for the repairing work, usually has plastic or rubber cover on them. Explain why?

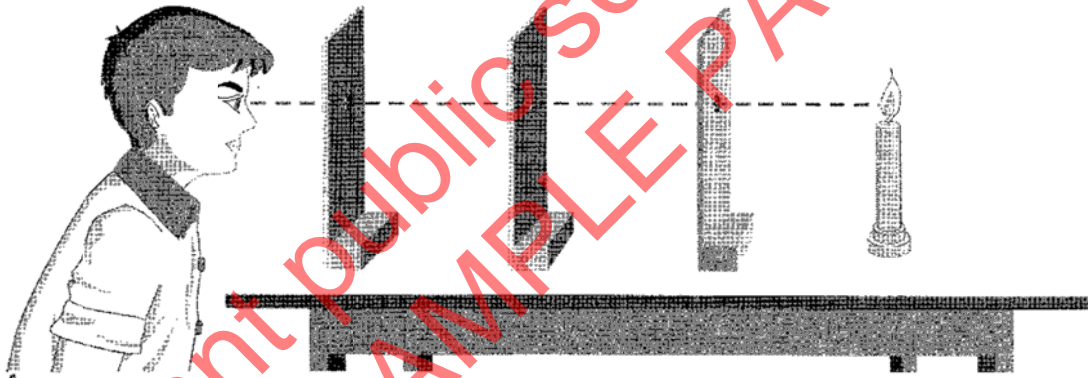   7. Why can a pace or a footstep not be used as a standard unit of length?

8. How is a compass used to find directions?

9. Suppose you want to dry your school uniform quickly. Would the spreading it near an *angithi* or heater helps? If yes, justify the statement.

10. Explain, why speed is important for survival in grasslands of the animals that live there?

*IV. Rohan notices that his grandmother has spongy and bleeding gums. She also has pain in her muscles and joints. Seeing that he took his grandmother to the doctor. The doctor suggested to take vitamin C rich fruits to her.   **(3)**

a) Which deficiency disease Rohan's grandmother is suffering from?

b) What values are shown by Rohan?

V.   Answer the following question (50-80 Words).   (Any-6)   (5x6=30)

1) What is water cycle? What is its importance in nature? Draw a well labeled diagram of it.

2) What is a magnet? Why it is advised to keep the magnets away from the televisions, mobiles, CD and computers.

3) Draw the sketch of a torch bulb and label its various parts.

4) Study the picture given below and answer the following -
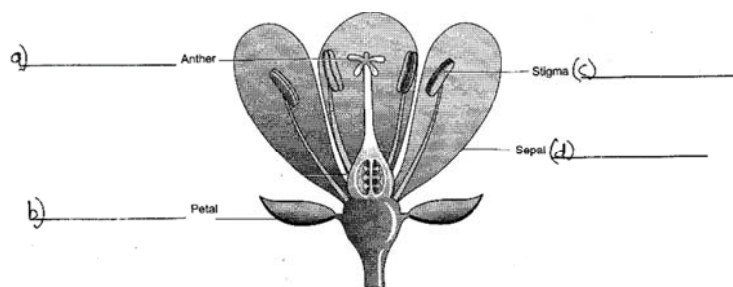

a) Which property of light is shown?

b) What happens if the alignment of the cardboard is disturbed?

5) Name the important waste products of plants. How do they get rid of it?

6) i) Give one example of the following -

a) Rectilinear motion

b) Circular motion

c) Periodic motion.

ii) The distance between Radha's house and her school is 3250m. Express this distance into Kilometer (Km).

7) Explain how heavy rains may cause flood. What are the damages caused by it?

VI. **Answer the following questions: (any – 6)** (2x6=12)

1) Relabel the parts that are labelled incorrectly.

a) _____ Anther

Stigma (c) _____
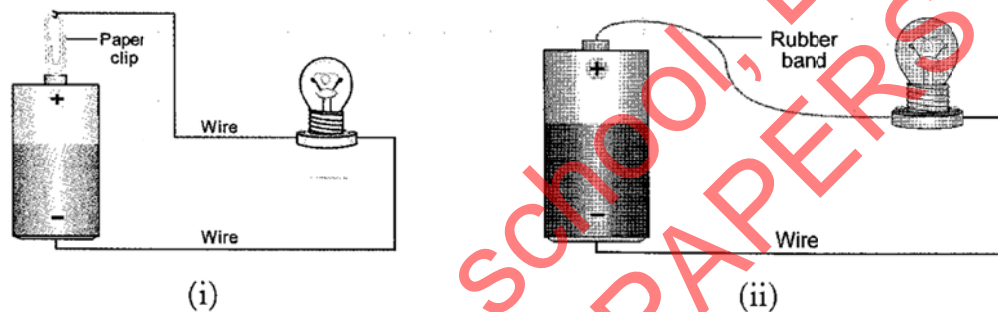
Sepal (d) _____

b) _____ Petal

2) Write any two features of a fish body that enables it to swim in water.
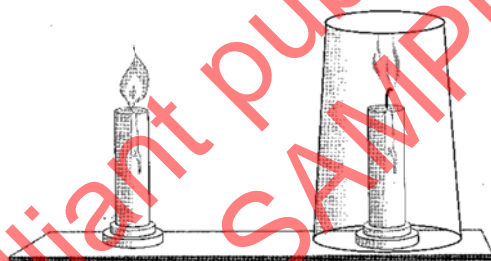
3) a) What is the colour of a shadow?

   b) What does a pinhole camera forms, an image or a shadow?

4) Study the diagram carefully and identify in which circuit the bulb glows and why?

Paper clip

Wire

Wire

(i)

Rubber band

Wire

(ii)

5) Which substance makes sea water unfit for drinking or for other purposes?

6) Why does the candle gets extinguished when covered with a glass jar?

7) What is food stuff solution? Which chemical is used to test the presence of carbohydrate in food stuff solution?

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