

**NAVNEETA KUNWAR PUBLIC SCHOOL SUSUWAHI VARANASI 221005**

**OTBA 2020**

**Class- VI -SCIENCE**

Time : 02:30 hrs

MM-80

Instruction:-

- Attempt all the questions which are compulsory.
- Questions paper is consist of eight questions which carry their related marks .
- Draw the well labelled diagram for each questions if it is necessary .

Q.1. Tick the most suitable answer in following questions .

1x5=5

- a. Ball and socket joint occurs in which part of body –
- |                |            |
|----------------|------------|
| i ) Knee       | ii ) Elbow |
| iii ) Shoulder | iv ) Ankle |
- b. Which one is a conductor of electricity –
- |               |            |
|---------------|------------|
| i ) Plastic.  | ii ) paper |
| iii ) cotton. | iv ) Steel |
- c. Which one is not the part of flower-
- |              |              |
|--------------|--------------|
| i ) Ovary.   | ii ) Sepal   |
| iii ) Petal. | iv ) Petiole |
- d. Conversion of solid into liquid at higher temperature is known as –
- |                     |                  |
|---------------------|------------------|
| i ) Melting.        | ii ) Evaporation |
| iii ) Condensation. | iv ) Sublimation |
- e. The Limited movement in elbow is due to presence of which joints -
- |                      |              |
|----------------------|--------------|
| i ) ball and socket. | ii ) hinge   |
| iii ) Pivotal.       | iv ) Saddle. |

Q.2. Fill in the blanks.

1x5=5

- a. ....joint occurs in skull.
- b. The plant cannot stand upright and spread on the ground are called .....
- c. Snail show the ..... movement.
- d. The thin wire in bulb which gives off light is called as .....
- e. An electric cell has ..... terminal.

Q.3. Mark the true and false for following statements . 1x5=5

- a. Electric current can flow through metals.
- b. Electric current can pass through a sheet of thermocol.
- c. Ear pinna contains bone.
- d. Lamina is the broadest part of leaf.
- e. Burning of candle is a reversible change.

Q.4. Match the given column- 1x5=5

**Column A**

- Veins.
- Ovule.
- Wheat.
- Hinge joint.
- Electric cell.

**Column B**

- Fibrous root
- Elbow
- Leaf
- Chemical energy
- Flower

Q.5. Very short answer type questions. 1x5=5

- a. Name the various part of flower- .
- b. Define the term evaporation.
- c. Name the two changes which are reversible in nature .
- d. Define the term venation.
- e. Name the various parts of leaf.

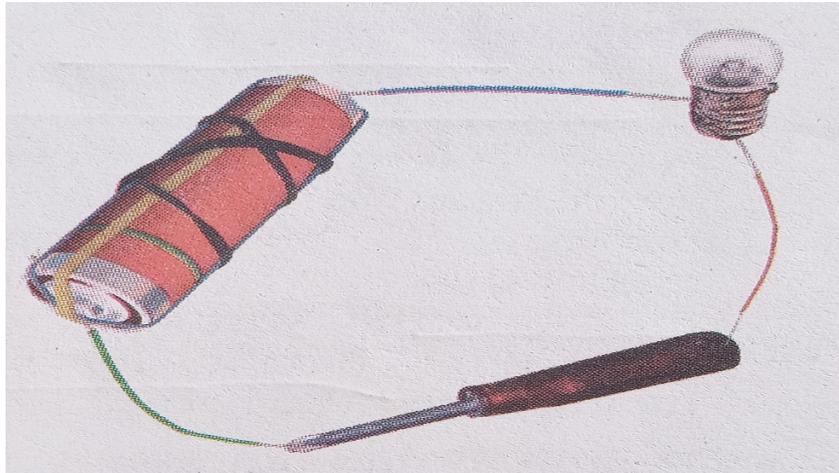
Q.6. Short answer type questions . 2x5=10

- a. What do you means by tap root ? Give two example.
- b. Name the two factor which causes change in an object.
- c. Name the three part of body where hinge joints occurs .
- d. Draw the structure of an electrical circuit.
- e. Name the part and process by which plant can synthesise their own food .

Q.7. Long answer type questions . 3x5=15

- a. Write the difference between reversible and non reversible changes .

b. Explain why the given circuit does not conduct electricity ?



c. What do you mean by fixed joints ? Explain with example .

d. How can you say that clotting of egg protein is an example of non-reversible change ?

e. What do you mean by conducting materials ? Explain with suitable examples .

Q.8. Very long answer type questions .

5x6=30

a. Describe the various types of plants with examples in respect to their size as comparable to the human height .

b. Name the various types of joints and locate their positions in our body .

c. Draw the labelled diagram of the following –

i ) A leaf

ii ) A flower

d. Explain the process of movement in birds and snails .

e. The handles of tools like screwdrivers and pillars used by electricians for repair work

usually have plastic or rubber covers on them. Can you explain why ?

f. A bag of cement lying in the open gets wet due to rain during the night. The next day the sun shines brightly. Do you think the change which has occurred in the cement, could be reversed ?

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