**JIYA LAL MITTAL DAV PUBLIC SCHOOL**

**GRADE – V SA-I (Sept, 2015)**

**SUBJECT – SCIENCE**

**TIME: 3hrs MM: 90**

**General Instructions:**

1. **All questions are compulsory.**
2. **Handwriting should be clean and neat.**
3. **Internal choice in question 6 only.**
4. **Attempt the paper in serial order.**

**Ques1: MCQ’s (1X6=6)**

1. Legs become bow shaped due to deficiency of-
2. Vitamin A (b) Vitamin B

(c) Vitamin C (d) Vitamin D

1. A natural insect repellant, found in our kitchens.
2. salt (b) sugar

(c) turmeric powder (d) wheat flour

1. The body part of rhinoceros, for which it is often hunted by humans, is -
2. Bones (b) Horns

(c) skin (d) legs

1. Which of the following is not a forest product?
2. Gum (b) aswagandha

(c) kerosene (d) timber

1. Lotus seeds are dispersed mainly through
2. Insects (b) birds

(c) water (d) air

1. The joint in the shoulder is an example of-
2. Hinge joint (b) ball and socket joint

(c) pivot joint (d) gliding joint

**Ques2: Very Short Question Answers: (9X1=9)**

1. What is a joint?
2. Name two plants that reproduce through stem cuttings?
3. What are stomata?
4. What is Gir National Park famous for?
5. Give the meaning of term food chain?
6. What is malnutrition?
7. What do you understand by food preservation?
8. Why should we not allow water to stagnate around our homes?
9. Define Pasteurization.

**Ques3: Fill ups:- (9X1=9)**

1. Eye is connected to the brain by the \_\_\_\_\_\_\_ nerve.
2. Movement of seeds, from one place to another, is called \_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_ is a small hole present on the seed.
4. Plants like \_\_\_\_\_\_\_\_ reproduce through roots.
5. Forests serve as home to many types of \_\_\_\_\_\_\_\_\_.
6. A \_\_\_\_\_\_\_\_ is any defect or abnormality found in the body.
7. Snacks, like biscuits and chips, should be stored in \_\_\_\_\_\_\_\_\_\_\_jars.
8. The diseases, that get spread through insects, air, water and soil are known as \_\_\_\_\_\_\_\_\_\_ diseases.
9. Micro organisms like bacteria and \_\_\_\_\_\_\_ spoil the food.

**Ques4: True/False. (9X1=9)**

1. During breathing we inhale oxygen.
2. Crescograph is an instrument used to measure the rate of growth of a plant.
3. Seed is covered by outer layer called Micropyle.
4. A small baby plant, coming out of a seed is known as seedling.
5. Tendu leaf is also called green gold of Odisha.
6. Thiamin is also called vitamin B.
7. We should waste food.
8. We may eat spoiled food rather than wasting it.
9. Non-communicable diseases gets transmitted from one person to another.

**Ques5: Short Question Answer: (9X3=27)**

1. How does calcium–phosphorus deficiency affect our body?
2. Suggest any four steps to prevent cruelty to animals.
3. How can we prevent the spread of germs from a sick person to a healthy person?
4. Why do men cut trees?
5. What is the difference between National Park and Wildlife Sanctuary?
6. State the conditions required for the proper germination of a seed?
7. How does a ball and socket joint work?
8. State the function of following –
9. seed coat
10. cotyledons
11. micropyle
12. Why is our backbone made up of many small vertebrae instead of having one straight long bone?

**Ques6: Long Question Answers: (6X5=30)**

1. Draw a neat and clean labeled diagram of human breathing system. Or

Define photosynthesis with diagram.

1. List five harmful effects of deforestation. Or
2. Write about Wildlife Protection Act.
3. What is the slogan of PETA.
4. Differentiate between extinct and endangered animals. Give two examples of each. Or
5. How can a rose plant grow without seeds?
6. Define:
7. Cartilage
8. Exhalation
9. Floating ribs
10. State any five ways in which animals are useful to us.
11. (a) Give any three reasons for spoilage of food.

(b) Why deficiency diseases are called non-communicable diseases?

1. List the importance of food preservation. Or

Explain healthy eating pyramid with the help of a diagram.