

NISCORT FATHER AGNEL SCHOOL, VAISHALI
SAMPLE TEST PAPER
(2017-2018)

Duration: 3 hours Class: VI Subject: Science Max Marks: 80

Instructions:

- Read and answer all the questions carefully.
- The question paper contains 4 sections-A, B, C, D
- The question paper has 3 pages carrying 28 questions.
- Start answering the one by one.

SECTION A

Q1) Fill in the blanks: (½×8=4)

1. One metre is _____ centimetre.
2. Bees suck _____ from flowers to make honey.
3. Fibre is converted into yarn by _____.
4. Petrol and water are _____ liquids.
5. Parrot eats only _____ products.
6. Motion of soldiers in a parade is _____.
7. Cotton and jute are _____ fibres.
8. Salt is obtained from sea water by the process of _____.

Q2) State true and false: (1×2=2)

1. Fats provide much more energy as the same amount of carbohydrates.
2. Oxygen is soluble in water.

Q3) Choose the correct option to complete the following sentences: (1×4=4)

1. The smaller roots that emerge from the main root are called _____.

a. tap root	b. fibrous root
c. lateral root	d. root hair
2. Movement of a pencil on the paper while writing is an example of _____ motion.

a. rectilinear	b. periodic
c. random	d. vibratory
3. _____ is the female reproductive organ of a flowering plant.

a. pollen grains	b. flower
c. ovule	d. pistil
4. Radish is an example of:

a. fibrous root	b. tap root
c. underground stem	d. none of these

SECTION B

(2×11=22)

Q4) Identify the type of motion in the following:

1. Motion of a top
2. Movement of a bee
3. Pulling of a drawer
4. Moon revolving around the earth

Q5) Describe a test for detecting the presence of starch in a food sample.

Q6) Why are leaves called the food factories of the plant?

Q7) Name the edible parts of the following:

1. Spinach
2. Radish
3. Carrot
4. Mustard

Q8) Draw the diagram of a leaf and label the following parts:

1. Lamina
2. Petiole
3. Midrib

Q9) You are given a mixture of iron fillings, sugar and sand. How will you separate all the three components?

Q10) Name the process used for separating:

1. Seed grains and husk
2. Tea leaves from tea
3. Butter from butter milk
4. Sand from water

Q11) What is the significance of:

- a) Colour and fragrance of petals
- b) Root hair of root

Q12) What are deficiency diseases? Which disease is caused by the deficiency of iron and iodine?

Q13) Select the odd one out and give reason:

1. Wood, iron, stone, glass
2. Gold, silver, coal, diamond

Q14) Why are spices important in our diet? Give two examples of spices

SECTION C

(3×11=33)

Q15) a) Define:

1. Homogenous mixture
2. solute

b) What is a universal solvent? Give example.

Q16) Give two important functions of each:

1. root
2. stem
3. leaves

Q17) Why is classification of materials considered important for us? Name two criteria of classification with example.

Q18) Explain the process of sieving with the help of an example.

Q19) a) Mention two precautions you must take while taking measurements.

b) How will you measure the thickness of a pencil?

Q20) a) Why is it said to always wash vegetables before cutting and peeling them?

b) What is the importance of water and roughage in our diet?

- Q21)** a) Name two places in India where cotton is grown.
b) Name the process involved in separating cotton fibres from its seeds.
c) Give two uses of cotton.

Q22) Explain the two processes of making fabric from yarn.

- Q23)** a) Why should we include vitamins and proteins in our diet? (2)
b) Name two food items rich in calcium. (1)

Q24) Why is water necessary for our body?

Q25) Explain the process of sedimentation and decantation.

SECTION D

(5×3=15)

Q26) Explain the parts of a flower with the help of a neat labelled diagram.

Q27) What are the harmful effects of eating only junk food like French fries, burgers, chips, pizzas etc? What kind of diet should be consumed by people? Write the approximate proportion of nutrients it must contain.

Q28) Differentiate between:

- a) Solute and solvent
- b) Circular and rotational motion
- c) Transparent and translucent
- d) Saturated and unsaturated solution
- e) Herbivores and carnivores