



**JKG INTERNATIONAL SCHOOL, VIJAY NAGAR
HALF YEARLY EXAMINATION-(2019-2020)**



CLASS VI- SCIENCE- SAMPLE PAPER

General instructions

- The question paper comprises of three sections A, B and C. You are to attempt all the sections.
- All questions are compulsory.
- Internal choice is given in all sections A,B and C
- The question paper consists of 36 questions A, B and C.
- Section A comprises of 10 multiple choice questions of 1 mark each, 3 assertion-reason type questions of 1 marks each and 7 very short answer type questions of 1 marks each.
- Section B comprises of 10 short answer type questions of 3 marks each.
- Section C comprises of 6 long answer type questions of 5 marks each.
- Q 36 is related with general awareness only.
- Use of calculator is not permitted.

Time: 3 hours

M.M: 80

Section A

Q1 Which of the following is obtained from the hair of animals?

- a) Wool
- b) Nylon
- c) Cotton
- d) Silk

Q2 In the mixture of sand and water, sand is called.....

- a) Decant
- b) Sediment
- c) Distillate
- d) Filtrate

Q3 We can separate salt and sand by using.....

- a) Decantation and filtration
- b) Condensation
- c) Evaporation
- d) All of these

Q4 The thick woody stem of trees is called.....

- a) Trunk

- b) Node
- c) Internodes
- d) Scale

Q5 The gas given out by green plants during photosynthesis is.....

- a) Oxygen
- b) Hydrogen
- c) Nitrogen
- d) Helium

Q6 The only movable bone in the skull is.....

- a) Upper jaw
- b) Lower jaw
- c) Nose bone
- d) Femur

Q7 Which of the following has ball and socket joint?

- a) Shoulder
- b) Hips
- c) Both of these
- d) None of these

Q8 The standard unit of length is.....

- a) Metre
- b) Centimetre
- c) Kilometre
- d) Cubit

Q9 When an object changes its position with respect to a stationary object, it is said to be in.....

- a) Rest
- b) Motion
- c) Position
- d) Centre

Q10 The motion of a pendulum is.....

- a) Periodic
- b) Circular
- c) Rotator
- d) Rectilinear

Direction (Q11- Q13) In the following question a statement of assertion is followed by a statement of reason .Mark the correct choice as:

- a) If both Assertion and Reason are true and Reason is the correct explanation of Assertion.

- b) If both Assertion and Reason are true but Reason is not correct explanation of Assertion.
- c) If Assertion is true, but Reason is false.
- d) If Reason is true, but Assertion is false.
- e) If both Assertion and Reason are false.

Q11 Assertion We cannot see the candle flame through the bent rubber tube.

Reason Light travel in straight line.

Q12 Assertion Length of a curve line is measured by using thread.

Reason SI unit of mass is kilogram.

Q13 Assertion Snakes move by crawling on their belly.

Reason Snake has strong muscles of ribs, vertebrae and belly scales.

Q14 What are the animals that eat only plants called?

OR

What are the animals that live inside or on the body of other living animals or plants?

Q15 What disease is caused due to deficiency of iron?

Q16 Name two sources of roughage?

Q17 Which vitamin is essential for normal clotting of blood?

Q18 Which traditional device was used by Mahatma Gandhi for making thread or yarn?

Q19 Name two synthetic fibres?

Q20 What type of soil is good for growing cotton?

Section B

Q21 What do you mean by ingredients? Give two reasons why do we need food?

Q22 Give any three differences between synthetic fibre and mixed fibre?

Q23 What are immiscible liquids? Give two examples?

OR

What do you mean by parasites? Name a parasite that lives inside an animal's body?

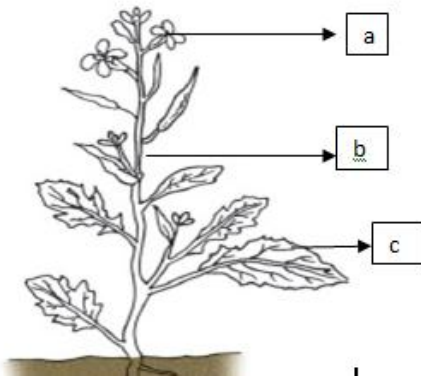
Q24 Give three functions of a leaf?

OR

Give three functions of a stem?

Q25 Draw the well labelled structure of a flower?

Q26 Why cannot you use an elastic measuring tape to measure distance? What problem you may face if you use it?



Q27 Label the parts (a) (b) (c)

Q28 Name two plants with leaves that are modified into spines?

Q29 Give the name of chemical substance used for quick settling down of fine particles of impurities?

Q30 Give three difference between solid and liquids?

Section C

Q31

- i. Can shadow of an astronaut form on moon? Why or why not?
- ii. Give any two differences between transparent object and opaque object?
- iii. What do you mean by lunar eclipse along with labelled diagram?

Q32

- i. How does bird fly? List any two features that help a bird to fly?
- ii. What do you mean by rib cage? How many ribs together form ribcage?

OR

What do you mean by parasites? How do parasites living inside body get their food?

- iii. What are fixed joints?

Q33

- i. Give two differences between homogenous mixture and heterogeneous mixture?
- ii. What do you mean by condensation? Explain one example?
- iii. What do you mean by sublimation?

Q34

- i. While measuring the length of paper clip on a scale, the reading at one end is 1.0cm and at other is 4.3cm. What is the total length of paper clip?
- ii. Give any two differences between oscillatory motion and vibratory motion?

OR

Give two differences between scavengers and decomposers?

- iii. Define rotatory motion?

Q35

- i. Give two differences between stamen and pistil?
- ii. What happen to ovule and ovary after fertilisation?
- iii. What do you mean by incomplete flower?

General Awareness**Q36**

- i. What do you mean by bioluminescence?
- ii. Name a metal which is best reflector of light?
- iii. At what speed nerve impulses travel from brain?
- iv. How forensic scientists make use of UV lights?
- v. Which mirror is used in headlights of a car?