

O. P. JINDAL SCHOOL, SAVITRI NAGAR

Sample Paper

Annual Examination (2022 – 2023)

Class / Section: V

MM:80

Subject: Science

Time: 2 hr

Name _____

Roll No.: _____

(Fifteen Minutes Extra will be given for reading the Question Paper.)

General Instructions:

- The question paper comprises of five sections A, B, C, D, E. There are 24 questions in the question paper. All questions are compulsory.
 - Section A, question no. 1 is of MCQ type carrying 1 mark each.
 - Section B, question no. 2 and 3 are of case based type questions.
 - Section C, question no. 4 to 12 are very short answer type questions carrying 2 marks each.
 - Section D, question no. 13 to 21 are short answer type questions carrying 3 marks each.
 - Section E, question no. 22 to 24 are long answer type questions carrying 5 marks each.
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Section – A

Q1. Choose the correct option.

- (i) Flies spread:
(a) Typhoid (b) Rabies (c) Malaria (d) Heart disease
- (ii) Which of these are communicable disease?
(a) Diabetes (b) Malaria (c) Blindness (d) Heart disease
- (iii) Some seeds have spikes or hooks to _____ themselves to the fur of animals.
(a) Swim (b) Shine (c) Fly (d) Attach
- (iv) When insects visit a flower for nectar, _____ gets brushed against their bodies.
(a) Stem (b) Fruit (c) Leaves (d) Pollen grains
- (v) Which of the following are used to produce new plants in bryophyllum?
(a) Root (b) Stem (c) Leaf (d) Flower

- (vi) Vegetative reproduction is also called _____ reproduction.
(a) Seed (b) Pollen (c) Asexual (d) Sexual
- (vii) Clearing of forest is called:
(a) Afforestation (b) Deforestation (c) Flood (d) Drought
- (viii) Growing crops and rearing animals is called:
(a) Flood (b) Agriculture (c) Drought (d) Afforestation
- (ix) When an arrow is shot from a bow, the energy stored in the stretched bow changes into:
(a) Heat (b) Motion (c) Electricity (d) Food
- (x) Capacity to do work is called:
(a) Energy (b) Coal (c) Electricity (d) Light
- (xi) The Point about which a lever moves is called:
(a) Thread (b) Nail (c) Fulcrum (d) Load
- (xii) Scissors are double levers of type:
(a) One (b) Two (c) Three (d) None of these

Section- B

Read the following passage and choose the correct option.

Q2. Either directly or indirectly, both plants and animals depend on each other. For example, rats consume grains and plants, where snakes eat a rat, which in turn, is fed by an eagle. All these main consequences happen because of the interdependence of plants and animals in the food chain. The process of eating and being eaten is called food chain.

- (i) Plants and animals _____ on each other.
(a) Depend (b) Independent (c) Fight (d) None of these
- (ii) Snakes eat _____.
(a) Tiger (b) Eagle (c) Rat (d) Plants
- (iii) Rats consume:
(a) Soil (b) Grains (c) Snake (d) Eagle

(iv) The process of eating and being eaten is called:

- (a) Carnivores (b) Decomposers (c) Herbivores (d) Food chain

Q3. Good health is more important than being free from disease. Healthy people are more efficient, productive and live longer than unfit people. Important factors that contribute to good health are:

Balanced Diet- To maintain a healthy life, one should take a proper well-balanced diet with plenty of water.

Regular Exercise- Along with good food and hygiene exercise is also very important in maintaining good health. Regular exercise and good sleep help a person to remain fit, stress-free, and active.

(i) _____ is more important than being free from diseases.

- (a) Good health (b) Sick (c) Unfit (d) Unhealthy

(ii) Which of the following is an important factor for a good health?

- (a) Inactive (b) Dull (c) Balanced diet (d) Stress

(iii) Regular exercise helps a person to remain:

- (a) Fit (b) Stress free (c) Active (d) All of these

(iv) Healthy people are more _____ than unfit people.

- (a) Stressful (b) Efficient (c) Inactive (d) Sick

Section - C

Q4. Mention any two non-communicable diseases.

Q5. Which are the male parts of a flower?

Q6. What are the four parts of a flower?

Q7. What is a bulb?

- Q8.** How do we know that potato and onion are stems and not roots?
- Q9.** Which type of organisms do a clean-up job in nature ?
- Q10.** Give two examples of stored energy.
- Q11.** Is it possible to apply a lot of force and yet do no work? Give an example.
- Q12.** What is a lever?

Section- D

- Q13.** Name any three forms of energy.
- Q14.** Write the difference between renewable and non-renewable sources of energy.
- Q15.** Identify the type of lever in the following:
- (i) Nut cracker (ii) See-saw (iii) Forceps
- Q16.** How do decomposers help to maintain a balance in nature?
- Q17.** How are carnivores different from scavengers?
- Q18.** What are the good and bad sides of vegetative reproduction?
- Q19.** Write the differences between self-pollination and cross pollination.
- Q20.** Explain why washing hands is an important way of preventing communicable diseases?
- Q21.** How does rabies spread?

Section- E

- Q22.** Draw and label to show the germination of gram seed.
- Q23.** Name any three plants that we grow from bulb and any two plants that we grow from stem cutting
- Q24.** What is a machine? Name any four types of simple machines.
