

DWARKA INTERNATIONAL SCHOOL
FINAL EXAMINATION SAMPLE PAPER (2018-19)
CLASS V
SCIENCE

Time: 3 hrs.
M.M.: 80

All questions are compulsory. Read the questions carefully before answering.

Q.1 Choose the correct answer for the following questions: (5)

- (i) Which of the following is a non living component of the environment?
a) Plants (b) Animals (c) Air (d) All of these
- (ii) Which of the following plant reproduces through leaves
a) Money plant (b) Bryophyllum (c) Potato (d) Carrot
- (iii) Insects suck nectar with the help of a straw-like mouth part known as _____.
(i) Spiracles (ii) Trachea (iii) Proboscis (iv) Both a and b
- (iv) In some plants, new plants are formed from the stem, root or leaves. This is known as
a) Adaptation (b) Germination (c) Irrigation (d) Vegetative Propagation
- (v) The spinal cord is protected inside the _____.
a) Brain (b) Rib cage (c) Vertebral column (d) Skull

Q.2 Fill in the blanks: (7)

- a) _____ of the brain controls our heartbeat and breathing.
- b) There are _____ bones in an adult human skeleton.
- c) Light always travels in a _____ line.
- d) A _____ is a simple machine used to hoist a flag.
- e) Respiratory diseases like asthma are caused by _____ pollution.
- f) Frogs breathe with their _____ in water and with their _____ on land.

Q.3 Give one example of each of the following: (7)

- | | |
|-------------------------------------|------------------------|
| a) Eco-friendly fuel | e) Terrestrial animals |
| b) Second class lever | f) Rabi crop |
| c) Plants that grow from root | g) Transparent object |
| d) Disease caused by polluted water | |

Q.4 Give one word for the following: (6)

- a) Framework of bones in our body
- b) The baby plant inside the seed
- c) A dark patch formed when light falls on an opaque object
- d) Harmful substances that pollute the environment

- e) Part of the seed that contains stored food for the embryo
- f) Regular long distance movement of animals in a particular season

Q.5 Define ANY FIVE of the following:

(5)

- a) Pollution (b) Habitat (c) Pulley
- d) Germination (e) Wedge (f) Vertebrates

Q.6 Give reasons for the following:

(2x5=10)

- a) We should avoid using plastic bags.
- b) Blackbucks cannot survive in polar regions.
- c) Seeds immersed in water do not germinate.
- d) An inclined plane is called a simple machine.
- e) You should play outdoors for some time every day.

Q.7 Answer ANY TEN of the following questions in brief:

(2x10=20)

- A) Explain the meaning and importance of the 3 R's slogan.
- B) What causes Acid rain?
- C) What do you mean by Reflex action? Explain with an example.
- D) What does a seedling need to grow into a healthy plant?
- E) Write any two differences between Biodegradable and non-biodegradable wastes.
- F) How are sensory nerves different from motor nerves?
- G) Write the functions of the following parts of our brain: (a) Cerebrum (b) Cerebellum
- H) How is an opaque object different from a translucent object?
- I) How can water pollution be controlled? (any two points)
- J) Why do we see different phases of the moon?
- K) Draw a well labeled diagram to show:
 - (a) The stages of germination in a bean seed OR (b) Structure of a seed
- L) Identify the type of simple machine in the following: (a) Axe
(b) Slide
(c) Bottle cap
(d) Door knob or handle

Q.8 Answer ANY FIVE of the following questions in detail:

(4x5=20)

- A)** (a) Describe a Lunar eclipse with the help of a diagram.
(b) Write the precautions that we must take while watching a solar eclipse.

B) Classify animals on the basis of their feeding habits. Give one example of each type.

C) (a) What do you mean by seed dispersal?

(b) Name any three methods of seed dispersal and give one example of each.

D) (a) What do you mean by Global warming?

(b) List any two causes of Global warming.

(c) How does careful use of electricity reduce air pollution?

E) (a) Draw and describe a wheel and axle.

(b) Differentiate between a first class lever and a third class lever.

F) (a) What are immovable joints? Give two examples.

(b) Name the type of joint present in your: (i) Shoulder

(ii) Neck

(iii) Wrist

(iv) Knee