



ITL PUBLIC SCHOOL SECTOR – 9, DWARKA

SESSION 2015 -2016
SUMMATIVE ASSESSMENT- I

CLASS: V-_____
TIME: 2 Hrs.
Student's Name: _____
No. of Pages: 03

DATE: 18.09.2015
SUBJECT: Science
M.M: 60
Roll No. : _____
Invigilator's Signature: _____

General Instructions:

- This paper consists of seven questions.
- All the questions are compulsory.
- Read the questions carefully before attempting.
- Attempt all the parts of a particular question together.
- Write the number of question as mentioned in the question paper.
- Do not write anything on the question paper.

Q.1 Choose the correct option-

10

i) What does the following sign indicate?



a) One Way b) No Parking c) No Horn d) No Stopping

ii) The point under the ground where the disturbance resulting in an earthquake first occurs.

a) Epicentre b) Focus c) Crater d) Vent

iii) Which of these reproduces through its stem?

a) Potato b) Turnip c) Coconut d) Dahlia

iv) Which of these is a kharif crop?

a) Gram b) Cotton c) Mustard d) Wheat

v) These animals have horny scales that prevent water loss from their bodies-

a) Reptiles b) Fish c) Amphibians d) Birds

vi) Which of these animals have sharp front teeth to gnaw their food?

a) Cows b) Goats c) Squirrels d) Bears

vii) This layer of atmosphere contains ozone gas.

- a) Exosphere b) Troposphere c) Ionosphere d) Stratosphere

viii) Which of the following does not make use of air pressure?

- a) Straw b) Pencil c) Dropper d) Syringe

ix) A radio converts electrical energy into _____.

- a) Light energy b) Muscular energy c) Sound energy d) Heat energy

x) Which of these is a complex machine?

- a) Bicycle b) Stapler c) Crowbar d) Screwdriver

Q.2 Give one word answer for the following-

5

- a) These help in regulating traffic and reducing the risk of accidents-
- b) The practice of growing crops on a large scale for food or other purposes-
- c) The tiny holes through which insects breathe-
- d) A major component of air that does not support burning-
- e) The ability or capacity to do work-

Q.3 Define the terms-

5

- a) Seismograph
- b) Seed Dispersal
- c) Migration
- d) Chlorination
- e) Simple Machines

Q.4 Give reason-

5

- a) We should move to an open area in case of an earthquake.
- b) Farmers use insecticides and pesticides in the fields.
- c) Frogs swallow their prey in one piece.
- d) Filtration is better than sedimentation and decantation.
- e) It is easier to roll down than to roll up an object on an inclined plane.

Q.5 Correct the given statements and then rewrite them-

5

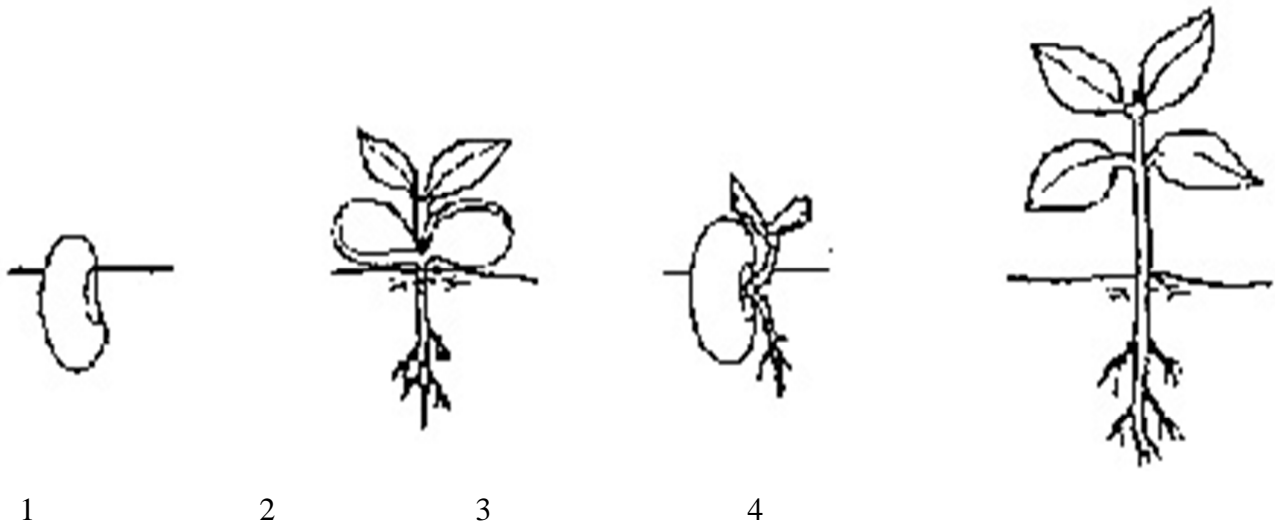
- a) Cyclists should remain on the right side of the road.
- b) Jowar grows in moist, well-drained soil of hill slopes.
- c) The home or natural surroundings of an animal is called its den.
- d) Salt is added to the water to increase the rate of sedimentation.
- e) A wheel and axle has two inclined planes put together.

Q.6 Answer in short- (2 marks each)**18**

- a) Draw and label a neat diagram showing main parts of a seed.
- b) Rahul found a ‘cocklebur’ seed and a ‘dandelion’ seed in his garden. He was wondering how did they reach there. If you were his friend how would you explain to him the dispersal of these two seeds? Mention one special feature of each seed.
- c) Give one example of each-
- i) A plant that reproduces through its leaf
 - ii) A plant that reproduces through spores.
- d) Many species of animals like dodo, tigers etc. have either become extinct or are endangered due to certain human activities. Mention any two of these activities. What value do you learn from this?
- e) Name any two animals that have hard shell as a body covering. How is the shell important for these animals?
- f) How do the limbs of a bird help in movement?
- g) How is atmosphere useful for us? (Mention 2 points)
- h) Write one use of each- i) Argon ii) Carbon dioxide
- i) If a person is standing at a place holding a heavy bag, is he doing work? Justify your answer with reference to “work” according to Science.

Q.7 Answer in detail- (3 marks each)**12**

- a) Look at the picture carefully and answer the questions that follow.



i) Soham has drawn the different stages of germination as shown above. Are they drawn in correct order? If not, then help him arrange these stages in correct order.

ii) Describe the different stages of germination.

b) Explain how is fish able to swim in water?

c) i) Name two methods used to separate soluble impurities from water.

ii) Pinky saw her mother preparing tea. She put water, milk, sugar and tea leaves in the pan and then poured the tea into a cup through a sieve. She observed that the tea leaves were collected on the sieve but there was no sugar in it. Why?

iii) Water need not be distilled before drinking.

d) i) A 'nutcracker' is a lever with three main parts as shown in the picture. Identify A, B and C and mention the class of lever.



ii) A single fixed pulley can be considered as "first class lever". Justify the statement with the help of a neat diagram.