



Purnata International School

Shree Swaminarayan Gurukul, Zundal

PERIODIC ASSESSMENT -1 2020-21

Grade - 8

Subject- SCIENCE

Syllabus – CH-1,2, 3, 4

Q1. Tick the correct options -

i) Which of the following plastics is used for making electric switches?

(a) Teflon (b) Melamine (c) PET (d) Bakelite **Ans- (d) Bakelite**

(ii) Which of the following is not a kharif crop?

(a) Paddy (b) Mustard (c) Maize (d) Groundnut **Ans – (b) Mustard**

(iii) Carrier of malaria-causing protozoan is

(a) Female Anopheles mosquito (b) housefly (c) butterfly (d) Cockroach **Ans – (a)**

(iv) Which fibre is known as first fully synthetic fibre. ?

(a) Rayon (b) Polyester (c) Polyethene (d) Nylon **Ans – (d) Nylon**

(v) _____ is a kind of Modern mode of irrigation.

(a) Rahat (b) Moat (c) Sprinkler (d) Chain pulley **Ans – (c) Sprinkler**

(vi) Identify the synthetic fibre which resembles wool ?

(a) Rayon (b) Terylene (c) Acrylic (d) Nylon **Ans – (c) Acrylic**

Q 2. Match the micro-organisms in column A with their action in column B-

Column A

Column B

(i) Bacteria (a) Nitrogen fixing bacteria [ii]

(ii) Rhizobium (b) Setting of curd [iii]

(iii) Lactobacillus (c) Baking of bread [iv]

(iv) Yeast (d) Causing malaria [v]

(v) A Protozoan (e) Causing cholera [i]

Q 3. Fill in the blanks –

(i) The first step before growing crops is _____ of soil. **Ans – loosening and turning**

(ii) _____ leaves are used to preserve food grains at home. **Ans - Neem**

- (iii) Cotton fiber is made of natural polymer called _____. **Ans - cellulose**
- (iv) _____ fibre is made of wood pulp chemically treated in the factories. **Ans - Rayon**
- (v) Weeds are controlled by chemicals called _____. **Ans - weedicides**
- (vi) Batter of idli will rise due to _____ process. **Ans - fermentation**
- (vii) For proper growth of plant, sufficient _____, water and nutrients are needed. **Ans - sunlight**

Q 4. Give reasons -

- (i) A bucket made of plastic does not rust like a bucket made of iron.
- (ii) It is not advisable to burn plastic and synthetic fabrics.

Q 5. Very short Answer Questions

- (i) Name one commercial use of yeast.
- (ii) Name the process in yeast that converts sugars into alcohol.
- (iii) Terrycot is made by mixing two types of fibres. Write the names of the fibres.
- (iv) Write one important characteristic of virus.
- (v) Pick out the odd one from the following words given in the list –
Plough, Seed Drill, Chain Pump, Sickle, Rahat, Manure

Q 6. Categorize the materials of the following products into 'can be recycled' and 'cannot be recycled' columns.

Telephone instruments, plastic toys, cooker handles, plastic chairs, pet bottles, electrical switches, bags, ball pens, pet storage box

Q 7. Answer the following questions –

- (i) What are organic foods?
- (ii) What are two types of fibres?
- (iii) Explain the difference between thermoplastic and thermosetting plastics.
- (iv) Write any two importance of synthetic polymers in our life.
- (v) Explain how soil gets affected by the continuous plantation of crop in a field.