



# Purnima 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.