

S.J.S PUBLIC SCHOOL, RBL

HOLIDAY HOMEWORK 2024-25

CLASS: VIII

SUB: SCIENCE

MM:40

Q 1) Choose the correct option : [7M]

a) Tilling refers to

- i) mixing manure with soil.
- ii) sowing seeds
- iii) transferring seedlings from nursery to fields.
- iv) loosening and turning up soil.

b) Who discovered the first vaccine against smallpox?

- i) Alexander Flemming
- ii) Edward Jenner
- iii) Leeuwenhoek
- iv) None of these

c) In today's world, where water is a scarce resource, which of the following irrigation methods is the most feasible and sustainable?

- i) Sprinkler system
- ii) Drip system
- iii) Tube well
- iv) Chain pump

d) The microorganism that promotes the formation of curd.

- i) Anaerobic bacteria
- ii) Lactobacillus
- iii) Rhizobium
- iv) Aspergillus

e) The cutting of crop after it is mature is called

- i) harvesting
- ii) weeding
- iii) threshing
- iv) winnowing.

f) Bacteria that decompose nitrates in the soil into free nitrogen.

- i) Rhizobium
- ii) Nitrosifying bacteria
- iii) Denitrifying bacteria
- iv) Blue green algae.

g) Which of the following should be used by a farmer with a large farm to harvest his crops quickly and efficiently?

- i) Combine
- ii) Winnowing machine
- iii) Sickle
- iv) Seed drill.

Q2. Answer the following question in brief [8M]

- a) What are horticultural crops?
- b) What is Pasteurization?
- c) What is Lift Irrigation System?
- d) Define the term vaccination.
- e) What is the production of fish on large scale by farming fish culture in fish nurseries called?
- f) What are insecticides?
- g) Name a non-communicable disease.
- h) What are the insects and other animals which carry the disease-causing microorganisms from one place to another called?

Q3. Define the term transplantation. Which crops are sown by this method? [2M]

Q4. Name two microorganisms which cause food poisoning. [2M]

Q5. Differentiate between Rabi Crops and Kharif Crops. [2M]

Q6. Why is virus not included in the category of microorganisms? [2M]

Q7. Give four reasons why is the use of biopesticides encouraged over chemical pesticides? [2M]

- Q8. How does a manure differ from a fertiliser? [3M]
- Q9. What is meant by food preservation? Name two food preservatives used for preserving fruit juices, jams and jellies. [3M]
- Q10. What is drip irrigation method? Why is it considered advantageous over other methods? [3M]
- Q11. Why does curd sets faster in summer than in winter? [3M]
- Q12. What is mulching and its advantages? [3M]