

**Sample Question Paper 2017 – 18**  
**Agriculture (Theory)**  
**Class XII**

**Time duration: 3 Hrs**

**Maximum Marks: 70**

General instructions: 1) All questions are compulsory.  
2) Marks of each question is indicated against it.

Q. No.	Question	Marks
1	What is luxury consumption?	1
2	Traditionally potato chips are stored after drying. Justify the reason behind removal of moisture during its preparation.	1
3	What is vermicomposting?	1
4	Neem is a very good bio pesticide. The insecticidal property of neem is due to presence of which active principle ingredient?	1
5	Write down the name of two species of honey bees which can be used in commercial bee keeping.	1
6	What is kitchen gardening?	1
7	Where is National Centre for Mushroom located in India?	1
8	When was Plant Nursery Registration Act was enforced in India?	1
9	How presence of a lawn around the place of living or work is beneficial to the people?	1
10	How can organic farming improve soil productivity? Or Write two objectives of National Project on Organic Farming(NPOF).	2
11	Discuss the advantages of using sulfur dioxide as preservative.	2
12	Define food additive. How is it different from 'food preservative'.	2
13	Define Field Capacity.	2
14	Enlist four value added products that can be made from cereals.	2
15	What are the principles of food preservation?	3

16	Gulkhand and rose water are two important processed flower products. Describe the process of their preparation.	3
17	Explain the process of preparation of mango pickle.	3
18	Various methods are employed to dry flowers and foliage. Describe any three methods	3
19	Justify the reason behind pre cooling in harvested fruits and vegetables before their storage?	3
20	Mention the common methods of packaging adopted in food preservation.	3
21	Describe drip irrigation system. Or Write advantages and limitation of sprinkler irrigation system.	3
22	Explain the functions and deficiency symptoms of nitrogen and phosphorus.	2.5+2.5=5
23	Draw the layout plan for a kitchen garden with an area of 40 m <sup>2</sup> . What are the advantages of kitchen garden? Or What are the important Government Schemes for the promotion of organic farming in our country?	2+2=5
24	Define flush in respect of mushroom cultivation. Write the names of most commonly cultivated mushrooms in India.	2+2 = 5
25	Explain the concept and components of Integrated Nutrient Management? Or Explain the constraints in bio fertilizer technology.	5
26	Enumerate the importance of plant nurseries in India.	5
27	Describe various methods of sowing/transplanting of grasses during lawn making. Or Describe the nutritional status of mushroom.	5