

2018

CBCS

1st Semester

AGORO SERVICE

PAPER—C1T

(Vocational)

Full Marks : 40

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

Unit—I

General Concepts on Agro Service

[Marks : 20]

1. Answer any two questions :

2×2

(a) What do you mean by Agro-service ?

(Turn Over)

- (b) Write in brief the concept of Agro-service.
- (c) Enumerate types of Agro-service in our state.
- (d) Write down the problems of dry land agriculture in West Bengal.

2. Answer any *two* questions : 2×4

(a) Enumerate different agro climatic zone of West Bengal. 4

(b) What do you mean by soil fertility and soil productivity? 2+2

(c) Discuss in short microclimate, harvest index, sink ratio and ideotype of rice and wheat. 1+1+1+1

(d) Critically discuss soil erosion and soil conservation practices in West Bengal. 2+2

3. Answer any *one* question : 1×8

(a) Critically discuss in detail the importance and role of Agro-service for socio-economic development of the farming community. 4+4

(b) Discuss in detail concept of cropping system and cropping pattern in West Bengal. 4+4

Unit—II

Basic Concept of Horticulture (Olericulture, Floriculture and Fruit Production)

4. Answer any *two* questions : 2×2
- (a) Write down the classification of vegetables crops.
 - (b) Discuss in short importance vegetables.
 - (c) What do you mean by Formal and informal gardening.
 - (d) What do you mean by Training and Pruning ?
5. Answer any *two* questions : 2×4
- (a) Write down the cultivation of Tomato mentioning the climate, soil, fertilizer dose, plant protection chemicals, harvesting, marketing etc. 1+1+1+1
 - (b) What do you mean by kitchen gardening ? What are the different types of vegetable crops can be cultivated in this garden and mention the rotation of crops. 1+1+1+1
 - (c) Write down cultivation of rose in West Bengal mentioning variety, land preparation, fertilizer dose, harvesting, yeild and marketing. 1+1+1+1

- (d) Write down the cultivation of Brinjal mentioning land preparation, varieties, fertilizer dose, time of harvesting, yeild and marketing. 1+1+1+1

6. Answer any *one* question : 1×8

- (a) Define landscape gardening. Write down history and development of Hindu, Mughal and English garden in India. 2+6
- (b) Critically discuss cause, nature and control of fruit drop of Jack fruit and Mango. 4+4
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