

KERALA AGRICULTURAL UNIVERSITY
B.Sc (Hons.) Ag. Programme
IVth Semester Re -Examination- July/August-2015

Cat. No: Hort.2204

Title: Vegetables Crops (2+1)

Marks: 80

Time: 3 hours

I. Answer the following

(10×1=10)

1. India ranks ----- in the production of vegetables
2. Centre of origin of brinjal
3. Antinutrient factors present in amaranthus
4. Scientific name of onion and its family
5. The principle imparting pungency in chilli
6. A potato variety suitable for processing
7. A tetraploid vegetable
8. Calcium deficiency induced disorder in tomato
9. Expand AVRDC
10. Vegetable designated as 'multi vitamin multi mineral green'

II. Write a short notes (any ten)

(10×3=30)

1. Thermoclassification of vegetables
2. Cultivation of cool season vegetables in Kerala
3. Diara system of vegetable cultivation
4. Flower types in brinjal
5. Distinguish determinate and indeterminate tomato
6. Photoperiodism in vegetables
7. Whiptail of cauliflower
8. Sprouting of onion in storage
9. TPS
10. Cucurbitacins
11. Distinguish Brussels sprout and sprouting broccoli
12. CA storage of vegetables

III. Write short essay (any six)

(6×5=30)

- 1 Economic and nutritional importance of vegetables
- 2 Distinguish tropical and temperate cauliflower
- 3 Physiological disorders in tomato.
- 4 Storage of onion and potato.
- 5 Varieties of radish for year round planting
- 6 Sex forms and its modification in cucurbits.
- 7 Classification of vegetables based on parts used.
- 8 Production technology for snake gourd.

IV. Write essay (any one)

(1×10=10)

- 1 List out the important cool season vegetables grown in the country. Explain the methods of seed production in cole crops.
- 2 What is protected cultivation? Give an account of different types of protected structures in vegetable cultivation.