

KERALA AGRICULTURAL UNIVERSITY

B.Sc Hons (Ag) 2011 Admission
IVth Semester Final Examination- August-2013

Cat. No: Hort.2204

Title: Vegetables Crops (2+1)

Marks: 80

Time: 3 hours

I State whether the following statements are True or False (10×1=10)

1. The vegetable ranking first in area and production is tomato
2. India ranks second in area and production of vegetables.
3. For bulbing in onion long days are required.
4. Surya is an F₁ hybrid in brinjal
5. Cucumber is a C₄ vegetable
6. Ashgourd is dessert vegetable
7. The sex form in snakegourd is monoecious
8. The bitter principle of cucumber is momordicine
9. The first seedless watermelon was produced by Masanobu Fukuvoca
10. The most serious pest of bittergourd is fruit borer

II Write a short notes (any ten)

(10×3=30)

1. Bacterial wilt of sloanaceous vegetables
2. Cultivation of cool season vegetables in Kerala
3. Vegetable forcing
4. Flower types in brinjal
5. Growth forms in tomato
6. Photo periodism in vegetables
7. Thermo calcification of vegetables
8. Sprouting of onion in storage
9. TPS
10. Perennial vegetables
11. Under exploited vegetables
12. Post harvest handling of vegetables

III Write short essay (any six)

(6×5=30)

1. Physiological disorders in tomato.
2. Seed production in cauliflower.
3. Judging maturity in cucurbits.
4. Sex forms in cucurbits.

- 5 Nutrition garden.
- 6 Classification of vegetables based on parts used.
- 7 Package of practices for snake gourd.
- 8 Agronomic practices for Yard Long bean.

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 cool season vegetables.
- 2 What is meant by protected cultivation? List out the suitable crops for protected cultivation. Give an account of protected cultivation of vegetables.