

KERALA AGRICULTURAL UNIVERSITY
B.Sc (Hons.) Ag. 2012 Admission
IVth Semester Final Examination- August-2014

Cat. No: Hort.2204
Title: Vegetables Crops (2+1)

Marks: 80
Time: 3 hours

I.A. Fill up the blanks

10x 1=10

1. Highest Vegetable producing state of India is _____
2. Indian Institute of Vegetable Research is located at _____
3. Sugar Baby variety of water melon has been introduced to India from _____
4. Multigerm seed is found in _____

B. Say True or False

5. Varsha Upahar is a variety of brinjal
6. Delayed harvest in radish may cause pithiness

C. Define

7. Olericulture
8. Zoning
9. Synthetic variety
10. Whip tail

II. Write Short notes on any TEN

10x 3=30

1. Basic Principles of vegetable production
2. Harvesting standards for cucurbits
3. Role of temperature in fruit set of tomato
4. Manurial requirement for cassava
5. Buttoning
6. Leafy vegetables
7. Role of mineral nutrients in vegetable cultivation

8. Shelf life in post harvest handling of vegetable crops
9. Sprouting in bulb crops
10. Precision farming
11. Black heart of potato
12. Bolting in onion

III. Write short essays on any SIX of the following

6 x 5= 30

1. Classification of vegetables
2. Economic and nutritional importance of vegetables
3. Methods of seed extraction in tomato
4. Varieties of onion- Discuss
5. Production technology for bhindi
6. Seed production methods in cole crops
7. Hi- Tech nursery production of vegetable seedlings
8. Sex forms and its modification in cucurbits

IV. Write essay on any ONE

1 x10 =10

1. Discuss various problems faced by vegetable industry in India. What are the major thrust areas in vegetable research in India
2. Write in detail about Protected cultivation of vegetable crops with suitable examples

