

KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Ag. 2013 Admission

IVth Semester Final Examination- July/August-2015

Cat. No: Hmsc.2201

Title: Food and Nutrition (1+1)

Marks: 50

Time: 2 hours

I Fill up the blanks

(10 x 1=10)

1. The RDA of iron for a pregnant woman is _____
2. Gluten is composed of _____ and _____

Match the following

- | | |
|------------------|---------------------|
| 3. Lycopene | a) Oligosaccharides |
| 4. Flatulence | b) Vitamin E |
| 5. Scurvy | c) Tomato |
| 6. Rice bran oil | d) Vitamin C |
| | e) Vitamin A |

State True or False

7. Tryptophan is an essential amino acid
8. Protective foods are rich in vitamins and minerals

Define the following

9. Nutritional status
10. Food fortification

II Write short notes on any FIVE

(5 x 2=10)

1. Poly Unsaturated Fatty Acids
2. Food pyramid
3. Role of Vitamin A in vision
4. Factors influencing RDA
5. Dimensions of food security
6. Dietary fiber and its role in nutrition
7. Botulism - causes and preventive measures

III Write short notes on any FIVE

(5 x 4=20)

1. Functions of carbohydrates
2. ICDS
3. Protein energy malnutrition
4. Factors affecting calcium absorption
5. Iron deficiency anaemia - causes, symptoms and prophylaxis programme
6. Natural toxicants in plant foods
7. Functions of vitamin D and calcium

IV Write essay on ANY ONE

(1 x10=10)

1. Role of B complex vitamins in human nutrition .Give an account on deficiency and important food sources of B complex vitamins
2. Anthropometry and diet survey methods for assessment of nutritional status
