

KERALA AGRICULTURAL UNIVERSITY
B.Sc (Hons.) Ag. Degree Programme 2013 Admission
VIth Semester Final Examination-July 2016

Cat. No: Agro.3209

Marks: 50.00

Title: Sustainable Agriculture and Organic Farming (1+1)

Time: 2 hrs

I. Fill up the blanks

(10 x 1 =10)

1. IFOAM denotes _____
2. _____ is used in pheromone traps for attacking fruit flies in mango
3. _____ is considered as the father of modern organic farming
4. APEDA denotes _____
5. Natural farming reflects experience and philosophy of Japanese farmer _____
6. _____ is a biodiversity hotspot in India
7. _____ is a chemical preservative added to FYM to reduce nitrogen loss
8. Recently EUREPGAP has changed its name to _____

Define:

9. Ecological balance
10. Sustainable agriculture

II Write short notes on ANY FIVE

(5 x 2 =10)

1. Carrying capacity.
2. EUREPGAP.
3. Biodynamic agriculture.
4. Biorational pesticides.
5. Bioherbicides .
6. Pheromone traps.
7. Operational Structure of NPOP.

III. Explain ANY FIVE of the following

(5 x 4 =20)

1. Concept themes of sustainable agriculture .
2. Alternate agriculture systems.
3. Promising LEISA techniques.
4. Organic farming and food security.
5. Principles of organic farming.
6. Biological pest control.
7. Organic certification.

IV. Write essay on ANY ONE

(1 x 10=10)

1. Opportunities and challenges for organic farming in India.
2. Strategies for realizing sustainable agriculture.
