Register Number:

Name of the Candidate:

DIPLOMA EXAMINATION, 2010
(COASTAL AGRICULTURE)

(PAPER-I)

110. FARMING SYSTEMS FOR LIVELIHOOD SECURING IN COASTAL TRACTS

Dec.)   (Time: 3 Hours

Maximum: 100 Marks

I. Fill in the blanks: (Any ten):   (10×1=10)

1. _____ is the yearly sequence and spatial arrangement of crop on crops and follow on a given area.

2. Plants that grow under shade condition are called ____.

3. Groundnut crop is best suited for ____soil.

4. Sowing of succeeding crop before the harvest of standing crop is known as_____

5. Goat is the best suited activity for RFS in_____.

6. _____ is the critical stage for wheat.

7. _____bio fertilizer is the best for pulse crop.

8. Water requirement of banana is_____mm.

9. _____ is the practice of growing of crop re-growth after harvest.

10. The stocking density of fing---- is_____Wo per ha.

11. Duaincha green manure crop is suited for _____system.

12. Growing of trees ----------- crops in combination is called as_____ system.

II. Define any FIVE of the following;   (5×2=10)

1.   Artisol.

2.   Global warning.

3.   Sustainable agriculture.

4.   LEISA.

5.   Rain fall variability.

6.   Multiplier cropping.

7.   Home Strad Gavaen.

III. Write short notes on any FIVE: (5×4=20)

1.   Characteristic of vertisol.

2.   Classification of farming system.

3.   Annielation.

4.   Agro forestry and its classification.

5.   Vegetable and fruit farming.

6.   Composting and types.

7.   Agriculture.

IV. Answer any FIVE of the following: (5×12=60)

1.   Write a detailed account of cultivation aspects of Hybrid cotton.

2.   Discuss the Integrated nutrient management concept in cropping system.

3.   Give an account of the concept, objectives and advantages of integrated farming system.

4.   How do mushroom, vegetable and fruit farming would help in achieving nutrition securing in coastal system?

5.   Discuss the water conservation techniques and management practices.

6.   Write in detail about the INM and RWM for groundnut and suearcanbs.

7.   Describe the factors governing choice and size of enterprises under IFS. Suggest suitable IFS model for wetland.

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