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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. Agriculture (2014 & Onwards) (Sem.-7) FARMING SYSTEMS AND SUSTAINABLE AGRICULTURE Subject Code : BSAG-CS704 Paper ID : [74831]

Time: 3 Hrs.

Max. Marks: 60

INSTRUCTIONS TO CANDIDATES :

- SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks 1. each.
- SECTION-B contains FIVE questions carrying FIVE marks each and students 2. have to attempt any FOUR questions.
- 3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

O1. Write short notes on :

- www.firstRanker.com a) Specialized farming.
- b) Mixed farming.
- c) Shifting agriculture.
- d) Ranching.
- e) Lay farming.
- f) Biodiversity.
- g) LEIA.
- h) Energy plantation.
- i) Aquaculture.
- j) Social forestry.



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SECTION-B

- Q2. Define agro-forestry. Write objectives of agro-forestry.
- Q3. What criteria you should consider for Ecological Efficient Crop Zone?
- Q4. Enlist four different IFS models.
- Q5. Write down the criteria for enterprise selection in integrated farming system.
- Q6. Discuss the different agro-ecological zones of India.

SECTION-C

- Q7. Discuss type of farming system according to type of rotation.
- Q8. Define farming system. Write in detail on farming system as foot stone of sustainability.
- Q9. a) Define integrated farming system and write down the advantages of integrated farming systems.
 - b) Write down types of agro-forestry systems. Enlist characters of agro-forestry systems.