

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD  
SEMESTER END EXAMINATION

B.B.A. (Agri.)

Semester	: II (New)	Term	: II	Academic Year	: 2016-17
Course No.	: AGRO 122	Title	: Farming Systems and Sustainable Agriculture		
Credits	: 2 (2+0)	Time	: 09.00 to 12.00	Total Marks	: 80
Day & Date	: Thursday, 27.04.2017				

- Note :
1. Solve ANY EIGHT questions from SECTION "A".
  2. All questions from SECTION "B" are compulsory.
  3. All questions carry equal marks.
  4. Draw neat diagrams wherever necessary.

SECTION "A"

- Q.1 Define organic farming and write its advantages.
- Q.2 What is Integrated Nutrient Management? Explain in brief principles of organic farming.
- Q.3 Give the different types of intercropping with its advantages.
- Q.4 What is sustainable agriculture? Explain the components of sustainable agriculture.
- Q.5 Explain agronomic requirement in management of cropping system.
- Q.6 Explain the characteristics of good farming system.
- Q.7 Differentiate between modern and sustainable agriculture.
- Q.8 Define crop rotation. Write its advantages.
- Q.9 Write a note on alley cropping and Land Equivalent Ratio.
- Q.10 Explain farming system along with its classification.

SECTION "B"

- Q.11 Define the following terms.

- |                         |                                   |
|-------------------------|-----------------------------------|
| 1) Sericulture          | 2) Apiculture                     |
| 3) Farming system       | 4) Integrated nutrient management |
| 5) Crop diversification | 6) Drought                        |
| 7) Ratooning            | 8) Sewage farming                 |

- Q.12 Give full forms of the following:-

- |         |            |
|---------|------------|
| 1) FAO  | 2) NBPGR   |
| 3) INM  | 4) FYM     |
| 5) WTO  | 6) ICRISAT |
| 7) IPCC | 8) MCI     |

