

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Hons.) Agri. Business Management

Semester	: III (New)	Term	: I	Academic Year	: 2019-20
Course No.	: SSAC 233	Title	: Soil Fertility, Fertilizers and Nutrient Management		
Credits	: 2(1+1)				
Day & Date	: Friday, 08.11.2019	Time	: 09.00 to 11.00	Total Marks	: 40

- 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 Enlist the method of soil fertility evaluation and explain in detail anyone technique.
- Q.2 Enlist different methods of fertilizer application and explain in detail fertigation.
- Q.3 Define green manuring. Explain advantages of green manuring.
- Q.4 Define soil pollution and describe the different soil pollutants.
- Q.5 Define compost. Give the methods of composting and explain Bangalore method.
- Q.6 Define problematic soil and give the management practices for saline soil.
- Q.7 Define soil biology. Classify different soil micro-organism and give their importance.
- Q.8 What is the concept of INM? Describe the components and importance of INM.
- Q.9 Define soil and explain the factors affecting plant growth.
- Q.10 Define fertilizer. Give the classification of nitrogenous fertilizer.

SECTION "B"

- Q.11 Fill in the blanks.
- 1) In urea fertilizer nitrogen is present in _____ form.
 - 2) Application of fertilizer along with irrigation water is called _____.
 - 3) Rice absorbs nitrogen in _____ form.
 - 4) Soil test indicates the _____.
- Q.12 Define the following terms.
- 1) FYM
 - 2) Fertilizer
 - 3) Soil fertility
 - 4) Compost

