

6yRoll No.

Total No. of Pages : 02

Total No. of Questions :10

B.Voc. (Agriculture)(Sem.-2)
MANURES AND FERTILIZERS

Subject Code :BVAG-201-18

M.Code : 79595

Date of Examination : 02-07-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying FIVE marks each and students 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

1. Write briefly :
 - a. Sustainable agriculture
 - b. Biogas slurry
 - c. Biuret
 - d. CAN
 - e. Trace elements
 - f. Oil cakes
 - g. Poultry manure
 - h. Starter solution
 - i. Liquid ammonia fertilizer
 - j. Farmyard manure.

SECTION-B

2. Discuss the advantages and disadvantages of green manuring.
3. Discuss the use of organic manures in raising agriculture crops.
4. Discuss the benefits of bio-fertilizers in improving crop and soil productivity.
5. Discuss the adulteration in fertilizers.
6. Write down the differences between straight and complex fertilizers with examples. How DAP is manufactured?
7. Differentiate secondary and micro nutrients. Write down deficiency symptoms of Zinc and Iron and how their deficiency can be rectified.

SECTION-C

8. Write down the properties of nitrogenous, phosphatic and potassic fertilizers.
9. Differentiate rhizobium and consortium. Discuss different types of bio-fertilizers and write down their advantages and disadvantages.
10. Describe fertilizer storage for agriculture purpose, in detail.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.