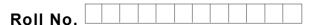


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Total No. of Pages : 02

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### B.Sc. Agriculture (2014 to 2018) (Sem.-4) MANURES AND FERTILIZERS Subject Code : BSAG-407 M.Code: 72759

Time: 3 Hrs.

Max. Marks: 60

# **INSTRUCTIONS TO CANDIDATES :**

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

## **SECTION-A**

- www.firstRanker.com 1. Write short notes on :
  - a. Consortium
  - b. Night soil
  - c. Green manure
  - d. Compost
  - e. Vermiwash
  - f. Bio char
  - g. Non edible cake
  - h. Biogas slurry
  - i. Fertigation
  - j. Animal refuges



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## **SECTION-B**

- 2. Write down properties of simple fertilizers.
- 3. Discuss the benefits of biogas and how biogas slurry can be recycled in agriculture.
- 4. Discuss volatilization losses of nitrogen.
- 5. Write down the precautions to be followed for fertilizer storage.
- 6. Discuss advantages and disadvantages of incorporation of application of bulky organic manures.

## **SECTION-C**

- 7. Differentiate secondary and micronutrient fertilizers. Write down deficiency symptoms of zinc and manganese and how their deficiency can be rectified.
- 8. Define Composting. Discuss in detail about different methods of composting.
- 9. Define Fertilizer Control Order. Discuss the power of ADO with respect to fertilizer control order.

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.