

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 18

B.Sc. (Hons) (Agriculture) (2019 Batch) (Sem.-1)

FUNDAMENTALS OF AGRONOMY

Subject Code : BSAG-105-19

M.Code : 76928

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 FIVE 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

Write short notes on :

- Q1 Crop geometry
- Q2 Water use efficiency
- Q3 Herbicide resistant
- Q4 GMO crops
- Q5 Secondary tillage
- Q6 Strip ploughing
- Q7 Dibbling
- Q8 Sprinkler irrigation
- Q9 Harvest maturity
- Q10 Rouging

SECTION-B

- Q11 Write a short note on 'Plant Ideotypes'.
- Q12 Write a short note on 'Irrigation Scheduling'.
- Q13 Explain in brief soil-plant-water relationship.
- Q14 Write a short note on 'scope of agronomy'.
- Q15 Write a short note on 'Cultural Weed Management'.

SECTION-C

- Q16 Describe modern concepts of tillage, their methods along with its advantages and disadvantages.
- Q17 Define Irrigation. Discuss different methods of irrigation.
- Q18
- Discuss different methods of weed management.
 - Write a short note on crop-weed competition.
 - Write down five weeds each for *Kharif* and *Rabi* season.

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.