

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. Agriculture (2014 & Onwards) (Sem.-4)
PRINCIPLES OF AGRONOMY II (Rabi Crops)

Subject Code : BSAG-401

Paper ID : [72753]

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**Q1. Define the followings :**

- a. Tobacco curing
- b. Economic yield
- c. CIMMYT
- d. Canola
- e. Consortium
- f. Crown root initiation
- g. Happy seeder
- h. Phototropic behaviour of sunflower
- i. Seed potato
- j. Setts

SECTION-B

- Q2. Write down the recommended varieties of mustard alongwith their yield potential. Write down names of five rabi weeds.
- Q3. Write down the chemical weed management in potato.
- Q4. Discuss causes of variation in productivity.
- Q5. Describe procedure for hay making and crops suitable for hay making.
- Q6. Enlist five potato based cropping systems recommended for Punjab.

SECTION-C

- Q7. Write down the improved agronomic practices for raising sugarcane crop.
- Q8. Write down the improved agronomic practices for raising late sown wheat.
- Q9. Write down the varieties, seed rate, crop geometry, fertilizer and weedicide requirement of chickpea and any rabi fodder crop.