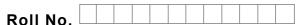
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Total No. of Questions: 09

Total No. of Pages : 02

B.Sc. Agriculture (2014 & Onwards) (Sem.-1) AGRONOMY-I Subject Code : BSAG-101 Paper ID : [72208]

Time: 3 Hrs.

# Max. Marks: 30

# **INSTRUCTION TO CANDIDATES :**

- 1. SECTION-A is COMPULSORY consisting of TEN questions carrying ONE mark each.
- SECTION-B contains FIVE questions carrying  $2^{1}/_{2}$  (Two and Half) marks each 2. and students has to attempt any FOUR questions.
- 3. SECTION-C contains THREE questions carrying FIVE marks each and students has to attempt any TWO questions.

# **SECTION-A**

# Q1 Define the followings : www.firstRanker.com

- a. Weed
- b. Trade
- c. Rainfed farming
- d. Gramineae
- e. Rogue
- f. Seed
- g. Epigeal
- h. Agronomy
- i. Field capacity
- j. Agriculture

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## **SECTION-B**

- Q2 Differentiate between tillage and tilth. Write down principles of tillage.
- Q3 Differentiate soil fertility and soil productivity. How farmers can maintain soil fertility?
- Q4 Differentiate multiple and mixed cropping. Write down advantages of multiple cropping.
- Q5 Define seed bed and write down characteristics of an ideal seed bed.
- Q6 Explain various cultural methods of weed management alongwith suitable examples.

## **SECTION-C**

- Q7 Discuss how seeding practices vary with variation in soil type, sowing time and soil moisture. Discuss with the help of suitable examples.
- Q8 Differentiate conservation and conventional tillage. Enlist the implements used in these tillage operations. Discuss requirements of minimum tillage.
- Q9 Define green manuring. Enlist green manuring crops. Write down advantages of green manuring.

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