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Total No. of Printed Pages: 1

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B.Sc. (Hons.) Agriculture (Semester – 1st)

FUNDAMENTALS OF AGRONOMY

Subject Code: BAGRS1154

Paper ID: [21130104]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consists of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consists of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Short questions

- a. Give the name of harvesting and threshing equipment.
- b. Define agriculture.
- c. Write down the scope of Agronomy.
- d. How evaporation losses can be reduced?
- e. Nutrients contain in urea and MOP.
- f. What is minimum tillage?
- g. Write down the harmful effects of weeds on human health.
- h. What is the Pre-plant application of herbicide?
- i. Name the essential nutrients of crops.
- j. Write the name of total and partial stem parasitic weed.

Section – B

(5 marks each)

- Q2. Explain in detail the criteria for good quality seed.
- Q3. What is tillage and explain in brief its advantages.
- Q4. Describe in detail weed classification and methods of weed management.
- Q5. Write the detailed classification of herbicides and method of application.
- Q6. Explain in detail moisture conservation technology.

Section – C

(10 marks each)

- Q7. What points should be handled while harvesting, threshing, and storage?
- Q8. What is growth and development? Explain growth characteristics in detail.
- Q9. Explain in detail the harmful and beneficial effects of weeds.