Roll No…….. **Total No. of Printed Pages: 1**
Total No. of Questions: [09]

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 4questions 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.