

Bachelor of Rural Studies (BRS) (Honours) Examination, 2019

Semester-VI

Rural Studies

Paper - 33

(Principles of Agronomy)

Time: Three Hours

Full Marks: 40

Questions are of value as indicated in the margin.

Group-A

Answer **any four** questions.

4×2=8

1. Define cropping system. What is mono-cropping or single cropping? 1+1
2. Write down the definition of crop and importance of classifying the crop plants. 1+1
3. What is plant nutrition? List the nutrients essential for plant's growth and development. 1+1
4. What are the roles of soil in crop production? 2
5. What are the symptoms of crop maturity that can be determined by the farmers? 2

Group-B

Answer **any four** questions.

4×4=16

6. What is Agronomy? Write down the scope of Agronomy. 1+3
7. What is crop rotation? State the advantages of good crop rotation. 1+3
8. What is soil fertility? What are the differences between soil-fertility and soil productivity? 1+3
9. What do you mean by organic manures and chemical fertilizers? State the role of water in crop production. 2+2
10. State the different types of chemical fertilizers (Cite an example in each case) 4

Group-C

Answer **any two** questions.

2×8=16

11. What is green manuring? Classify green manuring crops and state advantages of green manuring. Which plants are suitable for green manuring? 1+2+3+2
12. What is crop? Classify the crops according to their use. (Cite an example in each case) 1+7
13. How is jute crop harvested? State how the post-harvest operations are handled in jute crop. 1+7
