

Bachelor of Rural Studies (BRS) (Honours) Examination, 2018
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. What do you mean by Agriculture and Agronomy? 1+1
2. Define cropping system. What is mono-cropping or single cropping? 1+1
3. Differentiate between Relay cropping and Alley cropping. 2
4. What is plant nutrition? List the nutrients essential for plant's growth and development. 1+1
5. What is fertilizer? Give examples of each nitrogenous, phosphatic and petassic fertilizers with their nutrient content. 1+1

Group-B

Answer *any four* questions 4×4=16

1. State the scopes of Agronomy? 4
2. State and explain the different revolutions in the field of Agriculture in India. 4
3. Categorize the different agro-climatic zones in India according to the planning commission. 4
4. What is intercropping? What are the advantages and dis-advantages of intercropping? 1+2+1
5. What is soil fertility? What are the differences between soil-fertility and soil productivity? 1+3

Group-C

Answer *any two* questions 2×8=16

1. What is crop? Classify the crops according to their agronomy/use. 1+7
 2. Why do horticultural crops break down so quickly? What can be done to reduce post-harvest break-down? 1+7
 3. What do you mean by crop-rotation? What are the advantages of crop-rotation? Enlist the characteristics of good crop-rotation. 1+3+4
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