



WEST BENGAL STATE UNIVERSITY
B.Sc. Honours 1st Semester Examination, 2021-22

ARDACOR01T-AGRICULTURE AND RURAL DEVELOPMENT (CC1)

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.*

1. Answer any **six** questions from the following: 5×6 = 30
- (a) What are the different causes of soil acidification?
- (b) Write a short note on agro-climatic regions of West Bengal.
- (c) What are merits and demerits of broadcasting method of fertilizer application?
- (d) Classify different types of soil.
- (e) Name two varieties of a fibre crop. Describe briefly the seed rate, land preparation and irrigation method of a jute field. 1+4
- (f) What is the role of Krishi Vigyan Kendra in agricultural development in our country?
- (g) What is the importance of INM in crop productivity?
- (h) What is Cation exchange capacity of soil? Why organic manure is important to improve the soil health.
- (i) Write a short note on crop rotation.
2. Answer any **one** question from the following: 10×1 = 10
- (a) What is organic manure? Classify different types of organic manure. Why it is effective for sustainable agriculture? 1+2+7
- (b) Briefly describe the package of practice of rice cultivation considering selection of field preparation, variety selection, seed treatment, fertilizer management, irrigation, pest management, harvesting. 2+1+1+2
+1+2+1

N.B. : *Students have to complete submission of their Answer Scripts through E-mail / Whatsapp to their own respective colleges on the same day / date of examination within 1 hour after end of exam. University / College authorities will not be held responsible for wrong submission (at in proper address). Students are strongly advised not to submit multiple copies of the same answer script.*

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