



WEST BENGAL STATE UNIVERSITY
B.Sc. Honours 4th Semester Examination, 2022

ARDACOR08T-AGRICULTURE AND RURAL DEVELOPMENT (CC8)
AGRICULTURAL TECHNOLOGY AND PLANT PROTECTION

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 form the following: 5×6 = 30
- (a) Write a short note on intensive farming.
- (b) Write the production technology of rice.
- (c) What are the different methods of cropping? Describe relay cropping. 2+3
- (d) What do you mean by economic threshold level? Why economic threshold level is important in disease management?
- (e) State the importance of seed technology in agriculture.
- (f) State the water and nutrient management procedures for sustainable agriculture practices.
- (g) What is the importance of post-harvest technology in agriculture product processing?
- (h) Discuss the role of organic manure in sustainable agriculture.
- (i) Describe the importance of sustainable agriculture in terms of food security.
2. Answer any **one** question out of the following: 10×1 = 10
- (a) What is IPM? What is the importance of IPM in agriculture? Describe different components of IPM. 2+3+5
- (b) What do you mean by sustainable agriculture? Briefly discuss about different measures that can make agriculture sustainable. 3+7

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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