



WEST BENGAL STATE UNIVERSITY

B.Sc. Honours 5th Semester Examination, 2020, held in 2021

ARDADSE01T-AGRICULTURE AND RURAL DEVELOPMENT (DSE1/2)

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 **five** questions from the following: $2 \times 5 = 10$
 - (a) Define Organic Farming.
 - (b) Which farming practices are not typically allowed in Organic farming?
 - (c) What is a Biopesticide? Give two examples.
 - (d) What is a compost? Give example.
 - (e) Distinguish Biofertilizers from Biopesticides.
 - (f) What is a Botanical pesticide? Give example.
 - (g) Differentiate Green manure and Green leaf manure.
 - (h) What is Vermiwash?

2. Answer any **four** questions from the following: $5 \times 4 = 20$
 - (a) Compare Organic farming and Chemical farming.
 - (b) Discuss the merits and demerits of organic farming.
 - (c) Classify different Biofertilizers with examples.
 - (d) Classify the pesticides commonly used in agriculture. Give examples.
 - (e) Distinguish Organic manure from Chemical fertilizers. Cite examples.
 - (f) What is a Liquid manure? What is its importance in crop nutrition?
 - (g) What is the importance of Organic farming in rural development?

3. Answer any **one** question from the following: $10 \times 1 = 10$
 - (a) What are Vermicomposting and Vermiculture? Describe the method of Vermicomposting with the help of a diagram. 3+7
 - (b) What are the essential characteristics of an organic farm? How will you develop an ideal organic farm? 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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