WEST BENGAL STATE UNIVERSITY

B.Sc. Honours 4th Semester Examination, 2020

ARDACOR08T-AGRICULTURE AND RURAL DEVELOPMENT (CC8)

PAPER- 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.
All symbols are of usual significance.

1.   Answer any *five* questions of the following: 2×5 = 10

   (a) What is sustainable agriculture?

   (b) Name one variety of Wheat and one variety of Rice.

   (c) What is Integrated Disease Management?

   (d) Name two diseases of Wheat.

   (e) Give examples of two nitrogenous fertilizers.

   (f) Write the names of two food preservatives.

   (g) What is seed bank?

   (h) What are the different types of organic manure?

2.   Answer any *four* questions of the following: 5×4 = 20

   (a) State the advantages of sustainable agriculture.

   (b) Write a short note on Post Harvest Management.

   (c) Classify different types of seeds.

   (d) Describe the production technology of Tea.

   (e) What are the symptoms and management procedure of Late Blight of Potato?

   (f) Discuss the different food preservation techniques.

   (g) Write a short note on green house technology.

3.   Answer any *one* question of the following: 10×1 = 10

   (a) What is IPM? Write in brief the different types of IPM techniques and their application.   2+8

   (b) Mention the different diseases of Rice and also, the causes, symptoms and management procedures related to them.   10

   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.*

——×——