



বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY
Question Paper

B.Sc. Major Examinations 2022

(Under CBCS Pattern)

Semester - VI

Subject : AGRO SERVICE

Paper : C 13-T

Farming System and Sustainable Agriculture

Full Marks : 40

Time : 2 Hours

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Group-A

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

1. Write the importance of sustainable agriculture. How Indian agriculture development is diversified with LEIA - HEIA - LEISA?
2. What is Integrated farming System (IFS)? How can you relate it with natural farming?
3. Why neem plant is important for both sustainable agriculture and integrated farming system?
4. Do you prefer watershed technique in IFS? Why? Why watershade technique is preferred in IFS?

5. How atmospheric Nitrogen can be utilized in sustainable agriculture & IFS?
6. Write two important profitable cropping sequence in sustainable agriculture and IFS with suitable reasons.

Group-B

B. Answer any *two* of the following questions :

10×2=20

1. State the importance of integrated farming in present natural farming. Describe an outlay of IFS considering soil and farmers economic status.
 2. Write the basic concepts of sustainable agriculture. Describe with example how it differs with conventional agriculture?
 3. What are the viable approaches of integrated farming system? State the difference between integrated farming system and integrated cropping system with examples.
 4. Write the various measures need to be taken for conserving ground water for the benefit of agriculture. How can watershed technique help to save water in IFS?
-