

PG Agriculture
M.Sc. Semester-II Examination, 2023
AGRONOMY

PAPER: AGRON 513 (THEORY)
(PRINCIPLES AND PRACTICES OF ORGANIC FARMING)

Full Marks: 40

Time: 2 Hours

GROUP-A

Answer any **FIVE** of the following questions:

5×2=10

1. Define organic farming.
2. Describe the ill effect of green revolution in Indian Agriculture.
3. What is organic certification?
4. Write down the full form of APEDA and IFOAM?
5. Write down the importance of organic farming.
6. Define natural farming.
7. Discuss the advantages for organic farming adoption in India.
8. Name any two earthworms suitable for vermicomposting.

GROUP-B

Answer any **FOUR** of the following questions:

4×5=20

1. Differentiate between conventional farming and organic farming.
2. Briefly discuss on the principles of organic farming.
3. What are the disadvantages of organic farming?
4. Briefly discuss the global status of organic farming.
5. Discuss the government policy on promoting organic farming.
6. What are the major issues on accepting organic farming in India?
7. Briefly discuss the role of bioagents on organic farming.
8. What are the essential characteristics of organic farming?

GROUP-C

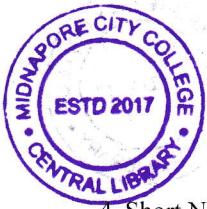
Answer any **TWO** of the following questions:

2×10=20

1. Discuss the components of organic farming and their role in sustainable crop production.
2. Discuss the nutrient management in organic farming.
3. Explain the operational structure of NPOP and National standard for organic farming.

4+6

(P.T.O.)



(2)

4. Short Note (any four):

2.5 x 4

- I. Accreditation,
- II. Labelling standards,
- III. Vermicomposting,
- IV. Green manure,
- V. Marketing of organic product,
- VI. Viability of organic farming,
- VII. Bio-pesticides.
