

**GANDHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, ODISHA, GUNUPUR
(GIET UNIVERSITY)**



B. Sc. (Ag.) (First Semester - Regular) Examinations, February – 2025
CCAG-2 – Farming based Livelihood systems

Time: 2 hrs

Maximum: 40 Marks

Answer ALL questions

(The figures in the right hand margin indicate marks)

PART – A**(2 x 5 = 10 Marks)**Q.1. Answer **ALL** questions

- Define Livelihood. Difference between rural and urban livelihood.
- Explain Zabo cultivation and in which regions of India is it practiced?
- Define the terms: Aeroponics and Aquaponics.
- Explain about staggered planting and monocropping.
- Define Aquaforestry and Silvipastoral systems of agroforestry.

PART – B**(6 x 5=30 Marks)**Answer **ANY SIX** questions

Marks

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| 2. Enlist the key indicators of livelihood and explain briefly about any three indicators. | 5 |
| 3. Write the key principles of Integrated Farming System? Explain about the factors affecting Integrated Farming System. | 5 |
| 4. Write the importance of any 5 schemes that are implemented by the Government of India to improve farmers livelihood. | 5 |
| 5. a. Classify the farmers according to their operational land holdings or land area. | 5 |
| b. Write the challenges or constraints associated with choosing agriculture as a livelihood option. | |
| 6. Explain about the framework of livelihood with schematic diagram. | 5 |
| 7. Write about small, medium and large enterprises as livelihood components for farmers. | 5 |
| 8. Differentiate between traditional and modern farming systems? Explain any two traditional farming systems. | 5 |
| 9. a) How resource recycling will happen in Integrated farming systems. Explain with an example. | 5 |
| b) What is Polyfishculture and Aquageaponics? | |

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