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Kerala Agricultural University
KELAPPAJI COLLEGE OF AGRICULTURAL ENGG. & FOOD TECHNOLOGY

II Semester B. Tech. (Agrl. Engg.)- Final Examination, August 2026

Farming Based Livelihood System (2+1)

BES 1204

Marks: 50

Time: 2 hour

I Answer the following

(10×1 marks = 10 marks)

1. Expand IIFSR with its location
2. Net sown area in India in _____ m ha.
3. Define Cropping intensity
4. Define circular economy
5. Define shifting cultivation
6. The practice of growing two or more crops in the same field in a fixed row arrangement is known as _____
7. Define green economy
8. Average annual rainfall of India _____ mm.
9. Floor space for rearing cattle in covered area _____
10. Small and marginal farmers in India account for about _____ percent of all operational land holdings

II Write short notes on any *FIVE* of the following

(5×2 marks = 10 marks)

1. List some important crop based livelihood systems practiced in Kerala.
2. Write a short note on integrated farming system suitable for low land/wet land.
3. Write a short note on agro-forestry and its types
4. Write a short note on prevalent farming systems in India
5. Define livelihood with its principles
6. What is aquaculture and list some aquaculture based systems.
7. Write a note on horticultural crops in livelihood system

III Write any *FIVE* of the following

(5×4 marks = 20 marks)

1. Briefly explain the different indicators used to study livelihood systems.
2. Differentiate between rural and urban livelihood.
3. Discuss some schemes helps in promoting farming based livelihood system
4. Define cropping system and explain its classification

5. Explain the risks factors in farming based livelihood system
6. Explain small, medium and large enterprises value chain as livelihood component for farmers
7. Explain livestock based livelihood system

IV Write essay on any *ONE* of the following

(1×10 marks = 10 marks)

1. List and explain the different traditional and modern farming systems practiced in India.
2. What is meant by Agricultural Livelihood System? Describe major approaches.