



QP CODE: 25021683



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Reg No : .....

Name : .....

**B.VOC DEGREE REGULAR/REAPPEARANCE EXAMINATIONS, MARCH 2025**

**Sixth Semester**

B.Voc Agriculture Technology

**BAT6G03 - FARMING SYSTEM APPROACH FOR SUSTAINABLE CROP  
PRODUCTION**

2018 Admission Onwards

2AF5C541

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. What is a system?
2. List out different crop intensification techniques.
3. What is inter-cropping?
4. What are the principles of crop rotation?
5. What is the need for crop planning?
6. What is Crop Land Utilization Index?
7. What are the objectives of agroforestry?
8. What is social forestry?
9. Write down the maximum number of cows and calves that can be accommodated per pen.
10. What is moriculture?
11. What are the characteristics of irrigated upland integrated farming system?
12. What is jeevamrutha?

(10×2=20)

**Part B**

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. What is multiple cropping? What are the different forms of multiple cropping?
14. What is benefit-cost ratio?
15. Write shortly about the characteristics of kule rice ecosystem.
16. Describe about the constraints of homestead farming.
17. Write a note on agrisilviculture.
18. Write the different feed types given to poultry.
19. Write a note on methods of apiculture.
20. Write a short note on different types of allied enterprises in integrated farming system.
21. Who wrote the book one straw revolution ? Write about the principles of natural farming?  
(6×5=30)

### **Part C**

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. What is farming system? What is the concept of farming system? What are the principles of farming system?
23. What is cropping pattern? What is cropping system? Differentiate between cropping pattern and cropping system?
24. Discuss in detail about the interactions between component crops in intercropping.
25. Write in detail about the coconut based cropping system.  
(2×15=30)

