

M.A. Examination, 2023  
Semester-IV  
Economics  
Course: OP-13 (Optional)  
(Applied Agricultural Economics)

Time: 3 Hours

Full marks: 40

*Questions are of value as indicated in the margin*  
Answer any **four** questions

1. Show that risk aversion results in farm decisions which are different from profit maximization. Set out the policy implications of risk-aversion. (6+4)
2. Distinguish between the tenant model (Marshall) and the landowner model (Cheung) of share cropping. 10
3. Discuss three main systems of agriculture found in the developing world. To what extent are these systems concentrated in three major developing regions? (6+4)
4. Critically examine the experiences of agricultural transformation in Asian countries like Bangladesh, India, South Korea, Thailand and Vietnam. (10)
5. Why does the farm size continue to maintain negative relationship with aggregate productivity? Suggest strategies to solve the problem of low per capita productivity and high incidence of poverty among small holder households (5+5)
6. How do you think India's food grain policy can be re-designed to ensure price stabilization after plugging the loopholes in the existing food grains policy? (10)
7. Write a short note on the relationship between agricultural growth and rural income distribution in the context of West Bengal agriculture. (10)
8. Show how an irrigation project may cause variations in crop diversification in its command area due to its spatial effect. What may be the possible reasons behind it? (10)

-----