

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

MFS 508

Department of Agricultural Economics, Education and Extension
MSc in Food Security and Sustainable Agriculture Part I Examination
Food and Agricultural Policy

3 HOURS (100 Marks)

INSTRUCTIONS TO CANDIDATE

Answer question **ONE** from **SECTION A** and any **TWO** questions from **SECTION B**.

SECTION A (COMPULSORY)

1. (a) Discuss the Targeting Mechanisms that can be used in food distribution

[25 marks]

- (b) Evaluate the welfare effect of a maize subsidy policy

[25 marks]

SECTION B

2. Discuss the implications of the Zimbabwe Fast Track Land Reform Programme to the development of the agricultural sector

[25 marks]

3. Describe the nine pillars of the National Agricultural Policy Framework

[25 marks]

4. Table 1 below shows the policy analysis matrix for maize:

	Revenue	Tradable	Cost of non-tradable			Profit
		Inputs	Labour	Capital	Land	
Private prices	7 230	966	1 680	402	1990	
Social prices	5 784	1 021	1 680	462	1609	
Divergences						

(a) Complete the table on Policy Analysis Matrix for maize above.

[7 marks]

(b) Using information in the above table; calculate the following:

- i. Private cost ratio.
- ii. Domestic resource cost ratio.
- iii. Nominal protection coefficient.
- iv. Effective protection coefficient.
- v. Profitability coefficient.
- vi. Subsidy ratio to producers.

[2 marks]

[2 marks]

[2 marks]

[2 marks]

[2 marks]

[2 marks]

(c) Comment on the value of output transfer.

[6 marks]

END OF PAPER