

BINDURA UNIVERSITY OF SCIENCE EDUCATION

DEPARTMENT OF ENVIRONMENTAL SCIENCE

BSC SAFETY, HEALTH AND ENVIRONMENTAL MANAGEMENT

BSC PART IV EXAMINATION

ENVIRONMENTAL ECONOMICS ES418/AGM403/NRM221

2 HOURS

INSTRUCTIONS

Answer question 1 and any two questions from Section B

NOV 2024

SECTION A (COMPULSORY)

1. (a) Define the following terms:

i.	Subsidy	[2 Marks]
ii.	Pigouvian tax	[2 Marks]
iii.	Tradeable emission permits	[2 Marks]
iv.	Command and control instruments	[2 Marks]
v.	Economic instruments	[2 Marks]
vi.	Ambient standards	[2 Marks]
vii.	Capital goods	[2 Marks]
viii.	Waste sink	[2 Marks]
ix.	Life support function	[2 Marks]
x.	Emission license	[2 Marks]
xi.	Eco-labelling	[2 Marks]

(b) Explain the following terms as they relate to property rights:

i.	Transferability	[2 Marks]
ii.	Exclusivity	[2 Marks]
iii.	Universality	[2 Marks]
iv.	Enforceability	[2 Marks]

SECTION B

2. Discuss any three property right regimes and their outcome on resource management. [20 Marks]
3. 'Anthropogenic emission of greenhouse gases poses a threat to life on earth'. Discuss. [20 Marks]
4. Apply any analytical framework to the problem of land degradation in Zimbabwe. [20 Marks]
5. 'Most natural resources do not have a market and thus it is not possible to know their value'. Discuss

END OF PAPER