

**SECTION B**

Answer **two** questions. Write your answers on the answer sheets provided. Write your session number on each answer sheet, and attach them to this examination paper and your cover sheet using the tag provided.

Each essay is marked out of [20] of which [2] are for clarity of expression, structure and development of ideas:

[0] Quality of expression, structure and development is poor.

[1] Quality of expression, structure and development is limited.

[2] Quality of expression is clear, structure is good and ideas are well developed.

2. (a) Evaluate the role of socio-cultural factors in the development of different food production systems. [8]
- (b) Compare the attitudes towards the natural environment of **two named** contrasting societies, and discuss the consequences of these attitudes to the way in which natural resources are used. [10]

*Expression of ideas [2]*

3. (a) Outline the general principles behind the World Conservation Strategy. [4]
- (b) Compare and evaluate the role of global and local approaches to environmental problem solving. Support your answer with examples. [8]
- (c) Justify the importance of the scientific study of small-scale local ecosystems in environmental problem solving. Support your answer with examples. [6]

*Expression of ideas [2]*

4. (a) Describe the typical features of a climax community. [4]
- (b) With reference to a **named** ecosystem describe the natural and human threats it faces and discuss the consequences for its future equilibrium. [10]
- (c) Explain, with the aid of an example, the role of feedback mechanisms in the regulation of ecosystem equilibrium. [4]

*Expression of ideas [2]*

5. (a) Describe some of the contrasting responses to the issue of global warming. [5]
- (b) Outline the reasons why people have such different opinions on the issue of global warming. [5]
- (c) Describe what is meant by *carrying capacity* and evaluate the role that technology could play in ensuring that the Earth's carrying capacity is not exceeded by human populations. [8]

*Expression of ideas [2]*

---