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Environmental systems and societies
Standard level
Paper 1

30 April 2026

Zone A afternoon | **Zone B** afternoon | **Zone C** afternoon

Session number

1 hour

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Instructions to students

- Write your session number in the boxes above.
- Do not open this examination paper until instructed to do so.
- Answer all questions. Refer to the resource booklet which accompanies this question paper.
- Answers must be written within the answer boxes provided.
- A calculator is required for this paper.
- The maximum mark for this examination paper is **[35 marks]**.



Answer **all** questions. Answers must be written within the answer boxes provided.

1. (a) With reference to **Figure 1(d)**, identify the warmest month in the Corbières-Fenouillèdes Natural Park. [1]

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- (b) With reference to **Figure 1(d)** and **Figure 1(e)**, identify the biome present in the Corbières-Fenouillèdes Natural Park. [1]

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2. (a) Using **Figure 1(f)** and **Figure 1(g)**, identify **two** factors which make the Corbières-Fenouillèdes region important for conservation. [2]

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- (b) Describe **two** values of orchids as a form of natural capital. [2]

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3. (a) Using **Figure 1(h)**, state **two** environmental impacts of wine production in the Corbières-Fenouillèdes Natural Park. [2]

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- (b) Suggest **one** method by which carbon footprints and **one** method by which water footprints could be lowered during wine production. [2]

Carbon footprint:	
Water footprint:	

4. (a) With reference to **Figure 2(a)**, **Figure 2(b)** and **Figure 2(c)**, outline **three** ways in which water quality could be measured in Lac sur l'Agly. [3]

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- (b) Identify **one** advantage and **one** disadvantage of the construction of the dam on the river Agly. [2]

Advantage:	
Disadvantage:	



5. (a) With reference to **Figure 3(a)**, state the main source of energy used in France. [1]

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- (b) With reference to **Figure 3(a)** and **Figure 3(b)**, suggest how France could lower its carbon footprint through changes in its energy mix, energy conservation and energy efficiency. [3]

Energy mix:	
Energy conservation:	
Energy efficiency:	

6. (a) With reference to **Figure 4(a)**, calculate France's natural increase rate. [1]

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- (b) With reference to **Figure 4(b)**, identify France's stage on the demographic transition model (DTM). [1]

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7. (a) With reference to **Figure 5(a)**, sketch a food chain with **four** trophic levels. [2]

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- (b) Using **Figure 5(b)**, outline the effect of coyup on the ecosystem of the region. [3]

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8. (a) With reference to **Figure 6(a)** and **Figure 6(b)**, identify the process and stage in wine making that might contribute most significantly toward ozone formation. [1]

Process:	
Stage:	

- (b) With reference to **Figure 6(c)**, justify whether composting, changing bottle type or changing water irrigation is the more effective method for increasing the sustainability of farming grapes to produce wine in the south of France. [2]

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- [6]



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08EP07

Please **do not** write on this page.

Answers written on this page
will not be marked.



08EP08