

**Biodiversity – 2021/20 GCE AS Biology A****1. Nov/2021/Paper-H020/01/No.1**

Which of the options, **A** to **D**, describes the role of CITES?

- A** making conservation a part of normal farming practices
- B** restricting the trade in individuals of endangered species
- C** stopping the movement of endangered species
- D** requiring countries to develop strategies for sustainable development

Your answer

**[1]**

**2. Nov/2021/Paper-H020/01/No.6**

To determine the biodiversity of butterflies in a meadow, the number of different species of butterfly were sampled in a meadow on 12 consecutive days. The results are shown below.

Day	1	2	3	4	5	6	7	8	9	10	11	12
Number of species	11	12	14	18	12	12	18	19	18	12	14	20

Which row, **A** to **D**, shows the correct mode, mean and median for these data?

	Mode	Mean	Median
<b>A</b>	18	15	14
<b>B</b>	12	15	14
<b>C</b>	18	14	15
<b>D</b>	12	14	15

Your answer

**[1]**

**3. Nov/2020/Paper-H020/01/No.5**

The image below shows Dawlish Warren, which is a conservation area in the UK.



Which of the following is an aesthetic reason for maintaining biodiversity in Dawlish Warren?

- A maintaining the 200 different animal species
- B maintaining the area as a tourist destination to support local businesses
- C preventing the disappearance of the coastal landscape
- D protecting the sparrowhawk, which is a keystone species

Your answer

[1]

**4. Nov/2020/Paper-H020/01/No.13**

A student is investigating species richness of plants along a sand dune from the sea edge moving inland. They are testing the hypothesis that 'species richness increases with distance from the sea'.

Which of the sampling methods, **A** to **D**, would the student use?

**A** opportunistic

**B** random

**C** stratified

**D** systematic

Your answer

**[1]**