



**Subject:** Grade 7 Natural Sciences

**Topic:** The biosphere and biodiversity

**Total:** 32 Marks

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1. C: communities 4 marks

**Explanation:**

An ecosystem is made up of a habitat and the community that lives in it.

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2. population 3 marks

**Explanation:**

The different species that live together in the same habitat feed off each other in order to survive.

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3. D: Seedling A was left in a cupboard and seedling B was left on a shelf. 4 marks

**Explanation:**

Seedling A did not receive enough light because it was left in a cupboard. More water and loam soil would have made seedling A grow better than seedling B.

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4. abiotic 3 marks

**Explanation:**

These include things like sunlight, rocks, water and air.

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5. D: parasitism 4 marks

**Explanation:**

The paralysed beetle is stored underground as food for the young wasp.

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6. false 2 marks

**Explanation:**

The relationship between organisms is called SYMBIOSIS.

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7. B: mutualism 4 marks

**Explanation:**

The crocodile's mouth is kept free of rotting meat and the bird has enough food to eat.

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8. true 2 marks

**Explanation:**

Plankton provides food for many sea animals.

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9. endangered

3 marks

**Explanation:**

If we do not take care of our endangered animals, they will soon die out and become EXTINCT.

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10. gymnosperm | gymnosperms

3 marks

**Explanation:**

In the classification system that is used by botanists, the plant kingdom is divided into two main groups. The group made up of flowering plants is called the angiosperms. The group made up of cone-bearing plants is called the gymnosperms.

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