

**Year 12 General Biology**

**Miss Cunningham**

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| **Task 10: Invasive Species Extended Response** | | | Weighting  10% |
| Marks Received | Marks Available | Percentage | |
|  | 10 |  | |

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Time Allowed: 30 minutes

**Task 6: Invasive Species Extended Response**

**Student Instructions:**

This extended answer is 10 marks and worth 10% of your semester grade. The response will be completed under test conditions in 30 minutes based on the research you have made in the previous lesson.

**Extended Response Question:**

Invasive species have often disturbed the balance in the ecosystem and may become worrisome problem in some areas across Australia. **Identify** the term invasive species, **describe** at least 3 impacts they have on ecosystems, **outline** and **explain** an example of an Australian invasive species interfering with the balance of a natural ecosystem, and **compare and contrast** invasive species to migratory species.

Please use the space below for your answer:

*\*\*suggested answer options but any valid answer according to question acceptable\*\**

Identify term invasive species (1 mark)

Introduced organism entering ecosystem, overpopulating it and disturbing the balance.

3 impacts (3 marks)

Loss of natural habitats

Killing large numbers of native species

Extinction of native species

Impact health

Economic strain

Increased disease transmission

Outline example (1)

Cane toad

European rabbit

Black rat

Red imported fire ant

Red fox

Describe how example is an invasive species (1)

Whichever example is chosen is explained accordingly.

2 similarities to migratory species (2 marks)

Species come from external environment

Species not native nor indigenous

Significant number of species moving to new environment

2 differences to migratory species (2 marks)

Invasive always negative effect, migratory not always negative

Migratory cannot stay in same habitat all year, invasive species may

Migratory species introduced to environment for specific reason, invasive species no specific reasoning.