

PART 4 Questions 31–40

Complete the notes below.

Write **ONE WORD ONLY** for each answer.

The Eucalyptus Tree in Australia

Importance

- it provides **31** and food for a wide range of species
- its leaves provide **32** which is used to make a disinfectant

Reasons for present decline in number

A) Diseases

(i) 'Mundulla Yellows'

- Cause – lime used for making **33** was absorbed
– trees were unable to take in necessary iron through their roots

(ii) 'Bell-miner Associated Die-back'

- Cause – **34** feed on eucalyptus leaves
– they secrete a substance containing sugar
– bell-miner birds are attracted by this and keep away other species

B) Bushfires

William Jackson's theory:

- high-frequency bushfires have impact on vegetation, resulting in the growth of **35**
- mid-frequency bushfires result in the growth of eucalyptus forests, because they:
 - make more **36** available to the trees
 - maintain the quality of the **37**
- low-frequency bushfires result in the growth of **38** '..... rainforest', which is:
 - a **39** ecosystem
 - an ideal environment for the **40** of the bell-miner