

**PART 4      Questions 31–40**

Complete the notes below.

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

### Tardigrades

- more than 1,000 species, 0.05–1.2 millimetres long
- also known as water 'bears' (due to how they **31** ..... ) and 'moss piglets'

#### Physical appearance

- a **32** ..... round body and four pairs of legs
- claws or **33** ..... for gripping
- absence of respiratory organs
- body filled with a liquid that carries both **34** ..... and blood
- mouth shaped like a **35** ..... with teeth called stylets

#### Habitat

- often found at the bottom of a lake or on plants
- very resilient and can exist in very low or high **36** .....

#### Cryptobiosis

- In dry conditions, they roll into a ball called a 'tun'.
- They stay alive with a much lower metabolism than usual.
- A type of **37** ..... ensures their DNA is not damaged.
- Research is underway to find out how many days they can stay alive in **38** .....

#### Feeding

- consume liquids, e.g., those found in moss or **39** .....
- may eat other tardigrades

#### Conservation status

- They are not considered to be **40** .....