

UNIT 3 ANSWERS

3e

- Yeah
- No, that words are different, they are paraphrased
- She refers to the work of other scientists by citing them
- it means when there more people involved

3g

- In Contrast
- Moreover
- On the other hand
- Therefore
- As a result

3j

- First
- So
- However
- and
- In addition

4a

- They could use a net, because when the fog blows to the net, the water IN the fog can get stuck between the net and capture the water.

4b

- Super hydrophilic attracts water whilst super hydrophobic rejects it

- A harvest for water material

- The Namib desert beetle wings

- To develop a superhydrophobic material that has bumps of superhydrophilic areas

7a

1. For Sahal it's difficult to listen to a lot of people so he gets confused

2. Hitomi= No one let her talk because everyone was talking at the same time

3. Sam= He didn't seem that concentrated, he would be asked a question and didn't know the answer to it

4. Radek= He didn't see how to ask questions politely

8a

1. Many ridges with setae and spatulae increase surface area for contact, creating attractive forces.

2. Geckos stick by aligning setae, making spatulae flat, and applying shear force.

3. Altering setae shape reduces forces, allowing the foot to peel away.

4. Dirt sticks to a few spatulae, leading to larger forces between dirt and surface, causing dirt to be pulled off the foot.