

Name:

School:

Class:

Date:

Set 1 Answer Key: Seed Germination

Suggested answers / marking guidance. Accept equivalent scientific wording.

1. (a) water (b) seed coat (c) root (d) shoot **[4]**

2. Seed A did not germinate because it did not have water. Seed B may show the seed swelling, the seed coat splitting, a root emerging, or a shoot starting to grow. **[2]**

3. True; False; True; True. **[4]**

4. (a) Dish B. (b) Dish B has water and an appropriate temperature. Dish A lacks water, dish C has a temperature that is too low, and dish D lacks both water and a suitable temperature. (c) Appropriate temperature / suitable temperature. **[4]**

5. root; shoot; swells; temperature. **[4]**