

YEAR 9 BASIC SCIENCE

RECAP WORKSHEET

STRAND 1 LIVING THINGS AND THE ENVIRONMENT

DAY 1

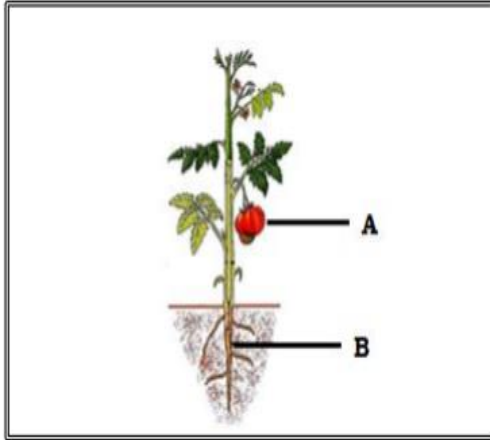
- The main function of phloem in plants is to
 - make food.
 - transport food.
 - capture light.
 - prevent water loss.
- Which of the following is an artificial asexual reproduction method in plants?
 - Corms
 - Stolons
 - Grafting
 - Runners
- The male part of the flower that consists of an anther and a filament is a _____.
 - petal
 - carpel
 - sepal
 - stamen

DAY 2

- The fusion of male and female gametes to form a zygote is _____.
 - pollination
 - fertilisation
 - layering
 - photosynthesis
- The place in which an organism lives is known as a _____.
 - habitat
 - population
 - community
 - biodiversity
- Turbidity is a measure of _____ in water.
 - pH level
 - water clarity
 - density
 - salt content

DAY 3

7. Given below is a diagram of an external structure of a plant.



Source: <http://whiterodgers-controls.com>

(i) Name the parts labeled A and B.

A _____ B _____

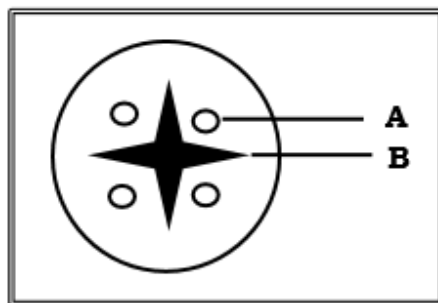
(ii) State two functions of the part labeled B.

1 _____

2 _____

DAY 4

8. The diagram given below shows an internal structure of a root.



Name the parts labeled A and B.

A _____

B _____

DAY 5

9. The food relationship among organisms in an ecosystem is called a food chain.

(i) Construct a food chain consisting of three organisms from a marine ecosystem.

(ii) Name the producer from the food chain constructed in (i) above.

(iii) State one role of a producer in the food chain.
