

Name: _____ Grade: _____ Date: _____

General Science review classwork

Section A. Multiple Choice.

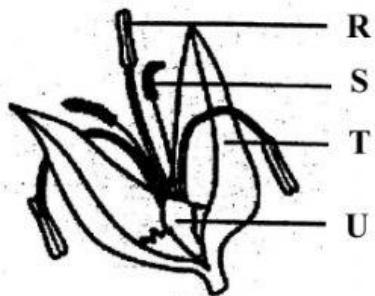
Instructions: Answer **ALL** questions by selecting the letter next to the correct answer.

1. What is the process by which a seed begins to grow into a plant called?
 - (a) fertilization
 - (b) pollination
 - (c) germination
 - (d) elimination

2. Which statement describes self-pollination?
 - (a) the transfer of pollen from the anther to the stigma within the same flower
 - (b) the transfer of pollen from the anther to the stigma to a flower on a different plant
 - (c) the transfer of pollen from the stigma to the anther on a flower
 - (d) the transfer of pollen from the style to the stigma on a flower

3. The diagram shows the structure of a typical flower.

Which part of the flower is the anther?

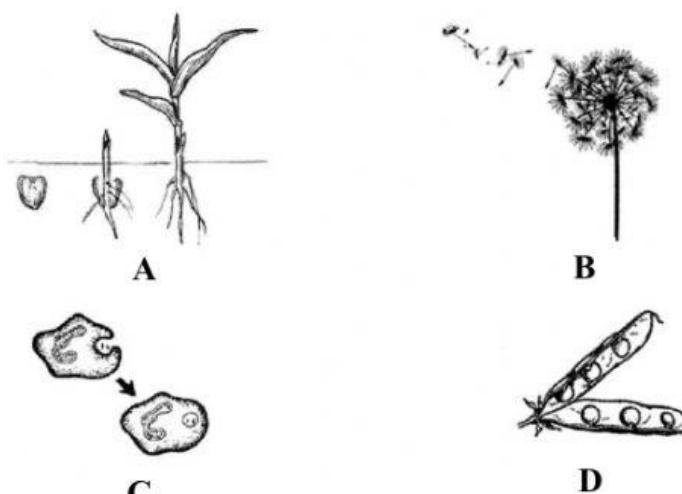


4. What part of the flower produces pollen?
 - (a) pistil
 - (b) ovary

(c) anther
(d) style

5. Which structure is the **male** reproductive part of a flower?
(a) petal
(b) pistil
(c) sepal
(d) stamen

6.



7. What is the cotyledon also known as?
(a) seed leaf
(b) seedling
(c) radicle
(d) true leaves

8. What does the pistil of a flower consist of?
(a) anther, filament
(b) stigma, style, ovary
(c) anther, stigma, style

(d) petals, sepals, stamen

9. Which plant group has their seeds found in cones?

- (a) gymnosperms
- (b) angiosperms
- (c) algae
- (d) moss

10. After fertilization, which part of the flower turns into the fruit?

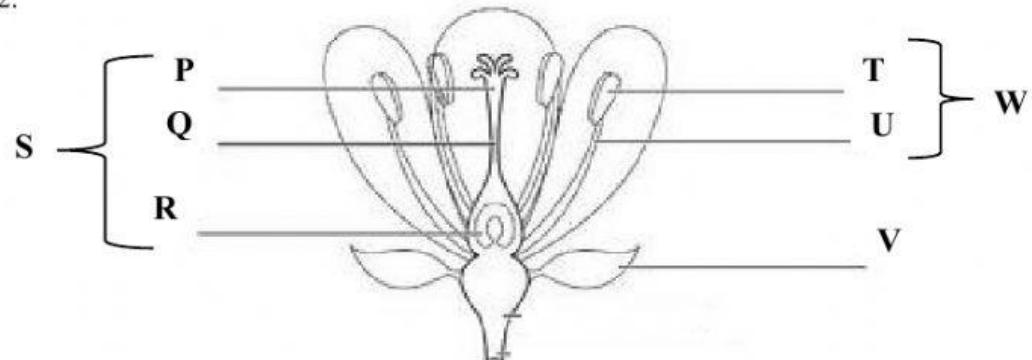
- (a) ovary
- (b) ovule
- (c) receptacle
- (d) sepal

Section B. structured Questions

1. Define the term **Germination**.

[1]

2.



(a) Write the **letter** of the structure that represents:

- I. Where pollen grains are found _____
- II. Where seeds are developed _____
- III. A long tube where pollen goes down _____

(b) What is the difference between **pollination** and **fertilization**?

[2]