

Name: \_\_\_\_\_ Student no. \_\_\_\_\_ Class: M1/9

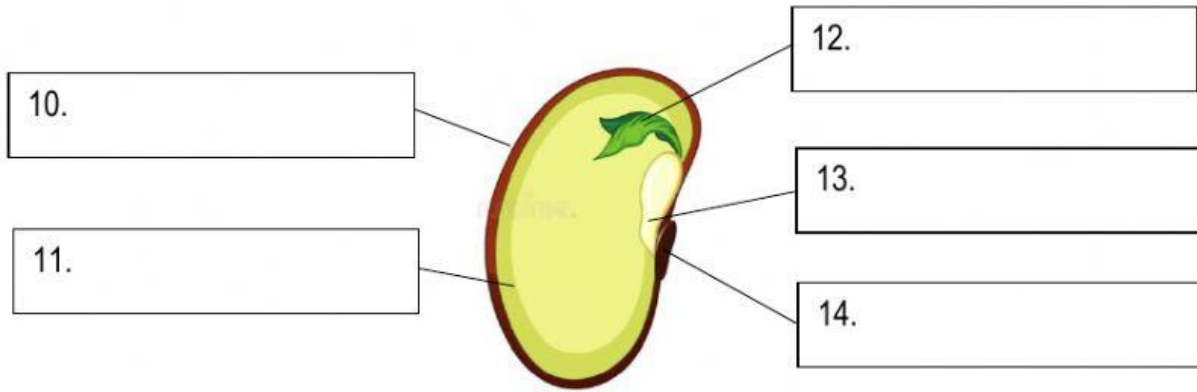
**Unit 3.7 Germination of Seeds****3.8 Minerals Required in Plants****3.9 Asexual Reproduction of Plants**

Part 1. Fill in the blanks with the given words.

Dicotyledon	Monocotyledon	Macronutrients	Micronutrients	Fertilizer
Embryo	Cotyledon	Plant propagation	Epigeal germination	Hypogeal germination

1. **Cotyledon** stores food for the embryo.
2. \_\_\_\_\_ any substance added to soil that promotes plant growth.
3. \_\_\_\_\_ is the process of creating new plants.
4. \_\_\_\_\_ are seeds with two cotyledons.
5. \_\_\_\_\_ the cotyledons rise above the ground.
6. \_\_\_\_\_ nutrients that plants require in larger amounts.
7. \_\_\_\_\_ are seeds with one cotyledon.
8. \_\_\_\_\_ the cotyledons remains below the ground.
9. \_\_\_\_\_ nutrients that are used by plants in small amount.

Part 2: A. Name the labeled parts of a seed.



<b>Plumule</b>	<b>Testa</b>	<b>Radicle</b>	<b>Embryo</b>	<b>Micropyle</b>	<b>Cotyledon</b>
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B. Match the parts of a seed with their functions.

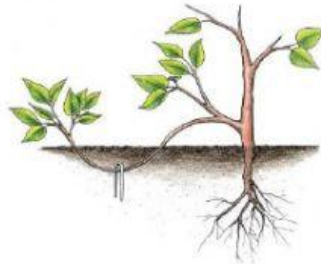
- |               |   |  |
|---------------|---|--|
| 15. Micropyle | • | • Becomes the shoot                      |
| 16. Radicle   | • | • Stores food for the embryo             |
| 17. Cotyledon | • | • Becomes the root                       |
| 18. Plumule   | • | • Allows air and water to enter the seed |
| 19. Testa     | • | • Protects the seed                      |

Part 3. Identify the type of vegetative reproduction

Runners	Bulbs	Underground stem	Leaves
Grafting	Stem cutting	Layering	Tissue culture



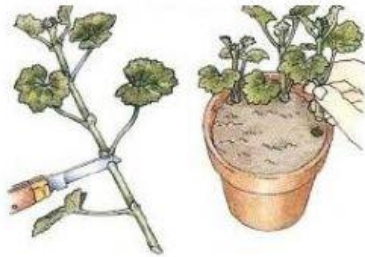
20. \_\_\_\_\_



21. \_\_\_\_\_



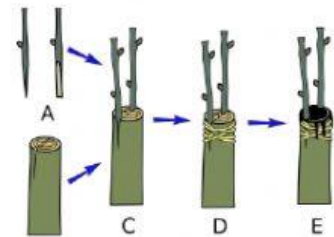
22. \_\_\_\_\_



23. \_\_\_\_\_



24. \_\_\_\_\_



25. \_\_\_\_\_



26. \_\_\_\_\_