

Name: _____ Student no. _____ Class: M1/9

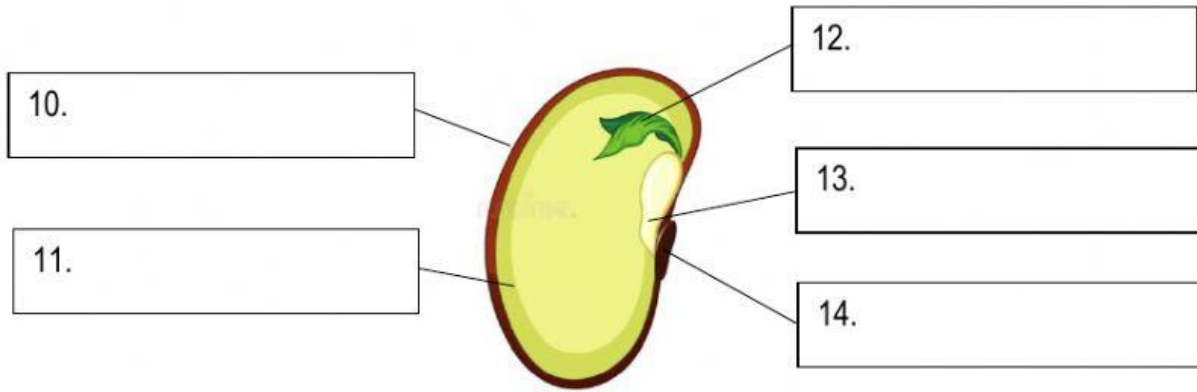
Unit 3.7 Germination of Seeds**3.8 Minerals Required in Plants****3.9 Asexual Reproduction of Plants**

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.



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

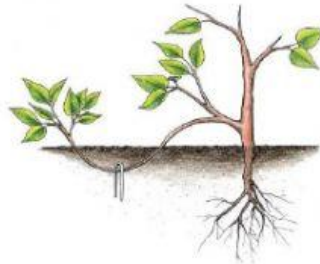
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|---------------|---|--|
| 15. Micropyle | • | • Becomes the shoot |
| 16. Radicle | • | • Stores food for the embryo |
| 17. Cotyledon | • | • Becomes the root |
| 18. Plumule | • | • Allows air and water to enter the seed |
| 19. Testa | • | • Protects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

Part 3. Identify the type of vegetative reproduction

Runners	Bulbs	Underground stem	Leaves
Grafting	Stem cutting	Layering	Tissue culture



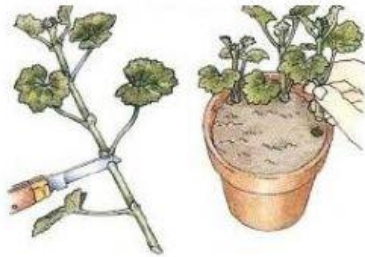
20. _____



21. _____



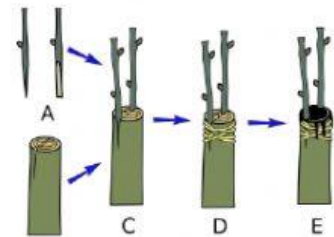
22. _____



23. _____



24. _____



25. _____



26. _____