

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

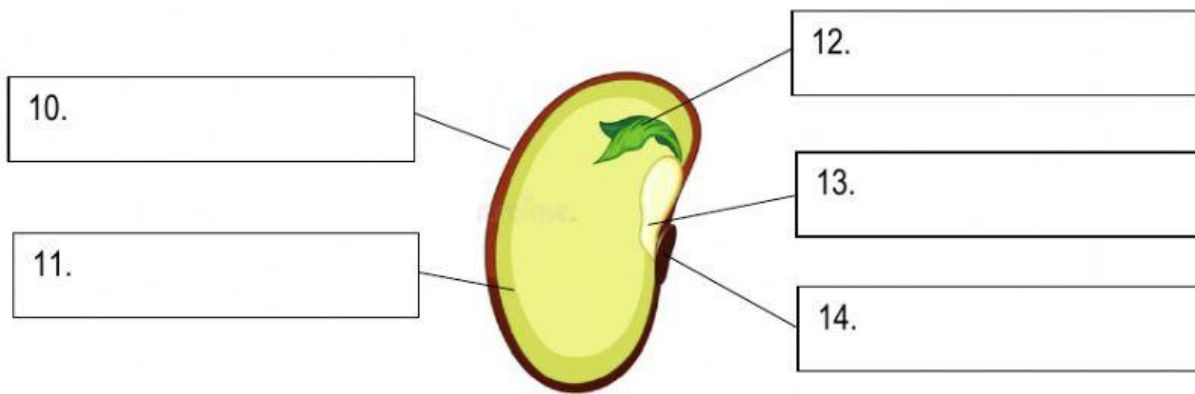
Unit 3.7 Germination of Seeds**3.8 Minerals Required in Plants****3.9 Asexual Reproduction of Plants**

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.

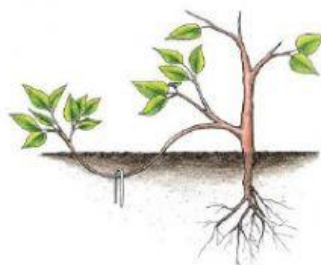
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|---------------|---|--|
| 15. Micropyle | • | • Becomes the shoot |
| 16. Radicle | • | • Stores food for the embryo |
| 17. Cotyledon | • | • Becomes the root |
| 18. Plumule | • | • Allows air and water to enter the seed |
| 19. Testa | • | • Protects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

Part 3. Identify the type of vegetative reproduction

Runners	Bulbs	Underground stem	Leaves
Grafting	Stem cutting	Layering	Tissue culture



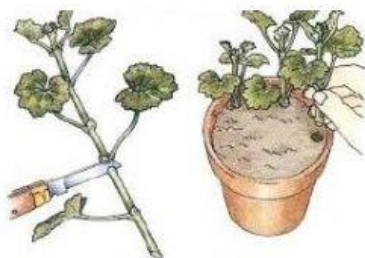
20. _____



21. _____



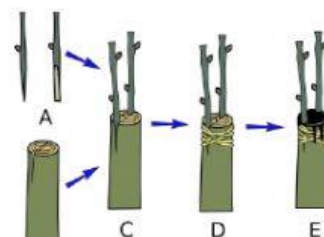
22. _____



23. _____



24. _____



25. _____



26. _____