

CHAPTER-1 – ASEXUAL AND SEXUAL REPRODUCTION IN PLANTS

2/3 Mark Questions:

1. What is Asexual Reproduction? Mention the different methods of Asexual reproduction.
2. What are clones?
3. What are reproductive propagules or diaspores?
4. What is grafting? Mention the types.
5. **What is layering?**
6. Define Totipotency.
7. **What is micropropagation?**
8. What is microsporogenesis?
9. **What is Pollinium / Corpusculum / Retinaculum / Translator?**
10. Mention the different types of Ovules?
11. What is endothelium or integumentary tapetum?
12. Mention the agents of pollination?
13. Name the different types of pollination mechanism.
14. What is amphimixis?
15. **What is apomixis? Mention the types.**
16. **What is polyembryony?**
17. **What is parthenocarpy?**

5 Mark Questions:

1. Describe the internal structure of anther.
2. **Write a short note on Tapetum.**
3. Describe the structure of microspore / Pollen grain.
4. **Describe the structure of Ovule.**
5. Write a short note on pollination.
6. **What are the contrivances of cross pollination?**
7. What are the characters of wind pollinated flowers?
8. What are the characters of insect pollinated flowers?
9. **Explain the fertilization in plants.**
10. Write a short note on Endosperm.
11. **Describe the structure of Dicot seed.**
12. **Describe the structure of Monocot seed.**

* Questions in **bold** are very important