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Quick revision: One liner questions and answers

1. What is the reproductive part of a flowering plant? - The flower.
2. What is the male part of a flower called? - The Androecium.
3. The androecium is made of what units? - Stamens.
4. A stamen has which two parts? - The anther and the filament.
5. What part of the anther makes pollen? - The microsporangium (or pollen sac).
6. What is the ploidy of a microspore mother cell? - Diploid (2n).
7. How do microspore mother cells form microspores? - Through meiosis.
8. What is the ploidy of a pollen grain? - Haploid (n).
9. What is the hard outer layer of pollen? - The exine.
10. What tough material makes the exine? - Sporopollenin.
11. What is the thin inner layer of pollen? - The intine.
12. Name the two cells in a mature pollen grain. - The vegetative cell and generative cell.
13. Which pollen cell is larger and forms the pollen tube? - The vegetative cell.
14. Which pollen cell forms the two male gametes? - The generative cell.
15. What is the female part of a flower called? - The Gynoecium (or pistil).
16. A pistil has which three parts? - Stigma, style, and ovary.
17. Which part of the pistil catches pollen? - The stigma.
18. What structure is found inside the ovary? - The ovule.
19. After fertilization, what does the ovule become? - The seed.
20. What sac inside the ovule holds the egg cell? - The embryo sac.

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