Biology 11 *Gymno & Angio Quiz* Name:

 /25

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the dominant generation in the gymnosperms.
2. Gymnosperms contain vascular tissue. True/False
3. Gymnosperm means \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. The gymnosperms have swimming sperm. True/False.
5. The gymnosperms include the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
6. Pollen is made by the male \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
7. How is the pollen transferred? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
8. What process takes place in the needles of the gymnosperms? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. Needles do not contain stomata. True/False.
10. Needles do not have a waxy cuticle. True/False.
11. Leaves of pines are well suited for growth in wet climates. True/False.
12. State one reason why gymnosperms are important.
13. What is the benefit of the formation of a seed?
14. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the dominant generation in the angiosperms.
15. Angiosperms contain vascular tissue. True/False.
16. Angiosperm means \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
17. Angiosperms develop unique reproductive organs known as flowers. True/False.
18. Fruit is used to spread the angiosperm to new areas. True/False.
19. Monocot or dicot? (1/2 mark each)
20. Has a single cotyledon \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
21. Has leaves with parallel veins \_\_\_\_\_\_\_\_\_\_\_\_
22. Floral parts often in multiples of 4 or 5 \_\_\_\_\_\_\_\_\_\_\_
23. Has a taproot \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
24. a) Draw and label a flower. Use the following terms: Ovary, ovule, sepal, petal, carpel, stigma, style, carpel, stamen, filament, anther (5 marks)