Questions to help you review the material and comprehend important points.

1. What group contains the closest relatives to the land plants? What traits do the land plants share with that group?
2. What does the term ‘embryophyte’ mean and what group does it cover?
3. When did plants emerge onto land? Were these first plants vascular?
4. What are some of the challenges of life on land and how were they met?
5. What positive role does fungus often play in the lives of plants?
6. What roles can plants play in succession?
7. Describe three traits of non-vascular plants. How do they reproduce?
8. What does the life-cycle of a moss look like? How is this life-cycle different from the life-cycle of an angiosperm?
9. What are antheridia and archegonia?
10. How is the fern lifecycle different from that of moss or angiosperms?
11. How do ferns reproduce?
12. When and how did coal form?
13. What makes the vascular plants different than the non-vascular? Are all vascular plants seed plants?
14. Explain the advantages and challenges of being taller and/or having bigger leaves than a neighboring plant.
15. What is the importance of primary producers to ecosystem productivity?