

## Review Questions (Week 2 & 3)

- 1) About how much of the earth's surface is covered by forest?
- 2) What do we mean we refer to the "natural climax vegetation"?
- 3) About how much of the world's forests are in BC?
- 4) Are more of the world's forests in the temperate or tropical region?
- 5) Where are the tropics?
- 6) What is a tree?
- 7) What are the two main groups of trees? To which group does Douglas fir belong?
- 8) What is a perennial plant?
- 9) What is an evergreen tree? Give an example.
- 10) What is a forest?
- 11) What does it mean to be sustainable?
- 12) Approximately how much of the world's forests are plantations?
- 13) In what country are the world's largest plantation programmes?
- 14) Are forest floor decomposition rates fast or slow in the boreal? Why?
- 15) Compared to the boreal, are forest floor decomposition rates in the mixed temperate faster or slower?
- 16) Are most forest stands in the boreal uniform or uneven in age? Why?
- 17) Why are there bogs (muskegs) in the boreal?
- 18) What are 5 disadvantages of the boreal forest from a wood product production perspective?
- 19) Compared to the boreal, are the temperate mixed forests wetter or drier?
- 20) In what biome are the forests around Vancouver?
- 21) In what biome are most of the industrialized nations located? How has this affected the forests of this biome?

- 22) In what biome did the forestry profession begin?
- 23) In what biome are the fast growing pine plantations in the US South?
- 24) Which biome is the most complex in terms of structure and species diversity?
- 25) Which biome has the largest number of plant, animal, and insect species?
- 26) Are the highest rates of timber productivity in the tropics? Why?
- 27) Which biome has the newest soils? The oldest?
- 28) Are tropical rain forest soils fertile? Why or why not?
- 29) What are factors leading to deforestation in the Amazon?
- 30) Do tropical rain forests regenerate easily? Why not?
- 31) What are 3 characteristics of trees in the tropical rainforest?