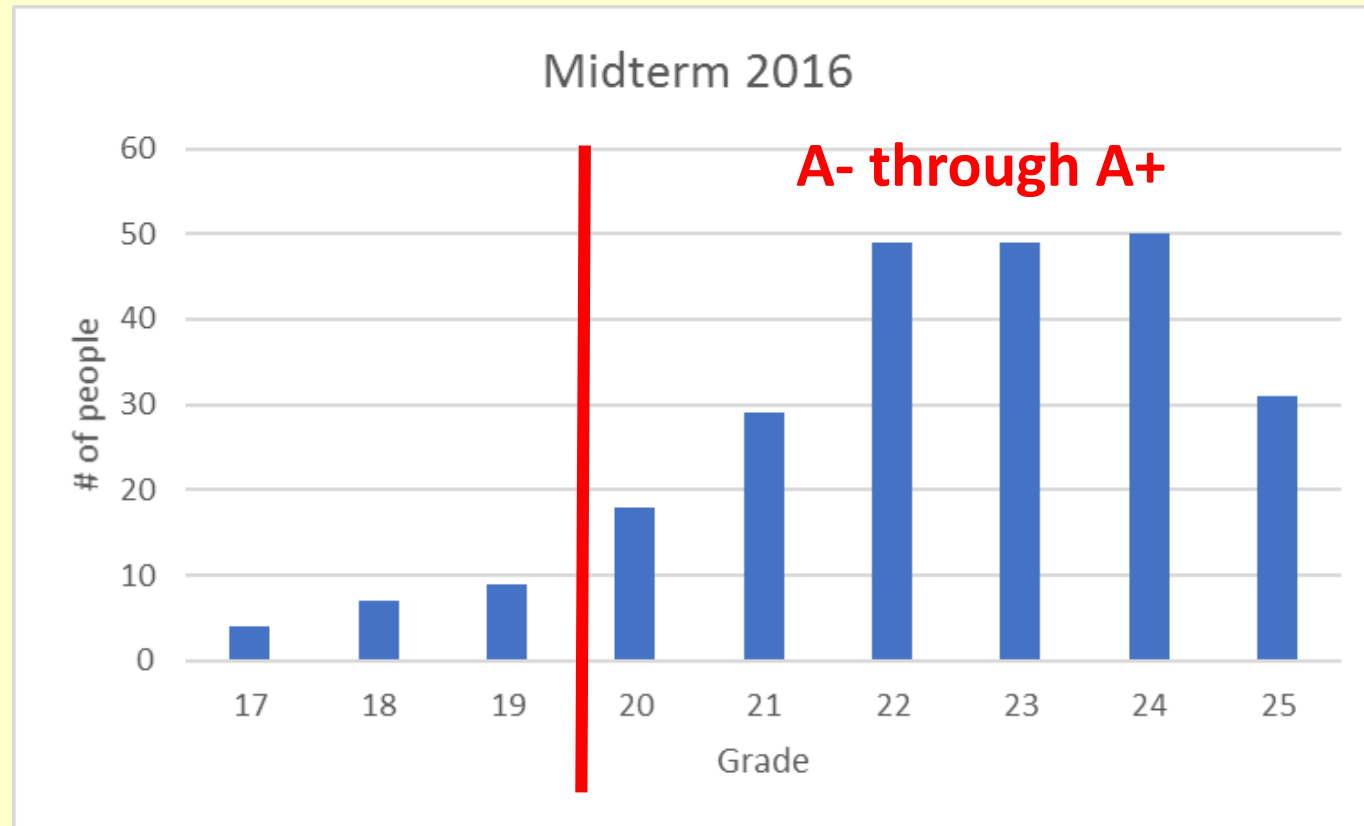


Midterm 2016

Grade Distribution



1. Pinchot in his essay "*Principles of Conservation*" gave 3 principles of conservation, including:
 - a. Natural resources must be developed for the benefit of many
 - b. Waste must be prevented
 - c. Neither a/ nor b/
 - d. Both a/ and b/

1. All perennial plants always:
 - a. Produce flowers
 - b. Grow for multiple years
 - c. Produce cones
 - d. All of the above

1. Trees are:

a. Primary producers (trophic level 1)

b. Primary consumers (trophic level 2)

c. Secondary consumers (trophic level 3)

d. Tertiary consumers (trophic level 3)

1. Tropical soils are always:

a. Young

b. Fertile

c. Neither a/ nor b/

d. Both a/ and b/

1. Which forest biome has the greatest diversity of tree species?
 - a. Boreal
 - b. Temperate
 - c. Moist tropical
 - d. Savannahs

1. In what forest biome are the forests around Vancouver, BC?
 - a. Seasonal tropical
 - b. Savannah
 - c. Boreal
 - d. Temperate

1. Will a sound plan result in the desired outcome?
 - a. Always
 - b. Sometimes
 - c. Never
 - d. None of the above

1. Anecdotal evidence:
 - a. Leads to sound scientific forest management
 - b. Is never correct
 - c. Is part of the Adaptive Management Process
 - d. None of the above

1. Provenance testing:

- a. Is used to determine admission into UBC
- b. Is used instead of federal testing
- c. Is used to test trees of different seed sources in different environments
- d. Is used to compare different species

1. To be sustainable a forest must:
 - a. Meet the needs of the present
 - b. Must never be harvested
 - c. Meet the needs of the future
 - d. Both a/ and c/

1. Ecosystems are usually:
 - a. Simple
 - b. Round
 - c. Dynamic
 - d. In the temperate zone

1. The process by which trees capture energy from sunlight is called:
 - a. Respiration
 - b. Photosynthesis
 - c. Evapotranspiration
 - d. Electrophoresis

1. Peer reviewed literature is always:
 - a. Edited by the CBC
 - b. Correct
 - c. Been on the *Best Seller List* for at least 4 weeks
 - d. Scientific papers that are been reviewed and approved by other scientists

1. Leopold was a:
 - a. Professor of wildlife management
 - b. Professional forester
 - c. Neither a/ nor b/
 - d. Both a/ and b/

Aldo Leopold

- **1887 –1948**
- **Joined US Forest Service in 1909 (Arizona/New Mexico).**
- **Created World's 1st Wilderness Area.**
- **Taught wildlife management at University of Wisconsin–Madison.**



1. Trees killed in a forest fire is an example of:
 - a. Leaching process
 - b. Autogenic process
 - c. Allogenic process
 - d. Both b/ and c/

1. An hypothesis is:
 - a. The third side of a triangle
 - b. A wild guess
 - c. A theory open to investigation
 - d. A scientific law

1. There are many bogs in the boreal because:
 - a. There are high amounts of precipitation
 - b. There is flat bedrock or permafrost below a relatively thin layer of soil
 - c. There are large amounts of snow
 - d. It is very cold

1. A tree is always:
 - a. An annual plant
 - b. An old plant
 - c. An evergreen plant
 - d. A woody plant

1. Which of the following is usually true:

a. The world's largest plantation program is in China

b. Tropical forests are easy to regenerate

c. Boreal forests are uneven aged

d. Tropical forests have thick forest floors

1. Pinchot wrote “Conservation means the greatest good to the greatest number ...”.
 - a. Over the longest time
 - b. Of common people
 - c. Of species
 - d. Of farmers

1. The primary goal of ecosystem management is to:
 - a. Protect wildlife species
 - b. Prevent soil erosion
 - c. Maintain ecosystem health
 - d. Increase timber production

1. Most of the wood in a tree is:

a. Green

b. Alive


c. Phloem

d. Dead


1. Which biome has more animal species?
 - a. Boreal
 - b. Tropical savanna
 - c. Tropical rainforest
 - d. Both b/ and c/

1. Which is a cause of deforestation?
 - a. Clearing land for agriculture
 - b. Clearing land for cities and towns
 - c. Neither a/ nor b/
 - d. Both a/ and b/

1. Who of the following is NOT a TA in FRST100?

a. Ignacio 

~~b. Sarah~~

c. Julianna 

d. Yuhao Lu (Bean) 