

## Seventh Week Exam Review/Sample Questions

### ESRM 479 Restoration Design

Please go to the ESRM 479 Discussion Board and help develop top notch answers to the questions below. <https://catalysttools.washington.edu/gopost/board/fridley/6065/>

1. If you were asked to do a site assessment in a grazed grassland in an arid environment, what would be the four most important things to look at (in order of their importance)?

2. We discussed 17 different landscape impacts and briefly went over restoration techniques to deal with each of them. Choose one of these impacts and discuss restoration practices that are tailored to repairing the damage done:

Process change, not enough fire

Low nutrient soils

Dry conditions

3. What are the general requirements for plant material for a restoration project?

4. Describe, or show an example of, a network diagram used in project planning. Explain its supposed usefulness. Describe, or show an example of a Gantt chart. Describe how Gantt charts are used in project planning and project management.

5. Give a definition of “site modification”. Then, give a definition of “site conditioning”, making sure that you have stated the difference between modification and conditioning.

6. Give three different examples of types of site conditioning (caution: do not give us examples of three kinds of mulch).

7. What are “aboveground obstructions”? What kinds of things will function as aboveground obstructions on a restoration site? What benefits do they confer?

8. What is a stakeholder? Explain the role of stakeholders in design projects. What is a problem owner? What is the role of the problem owner?

9. Installation was discussed in two stages, “construction” and “plants”. Give examples of what is done in each stage.

10. What is the relationship between the effort required to do a restoration and the character of the surroundings of the restoration project?

11. What are some important elements of an invasive species management plan?

12. Give three examples of herbivory (e.g., beavers) and mention methods for minimizing the damage that results from each.

13. Define FR's, C's and DP's. Give a couple of examples of each, and explain those examples. Take your examples from one or more of your design laboratory reports.

14. When is design done?