**ES322 Geomorphology Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Introduction to Geomorphology Video Review Questions

Watch the following videos and answer the review questions below. Provide sketches and equations where required.

**Introduction to Geomorphology Video (Youtube ~ 4 min)**

<https://www.youtube.com/watch?v=_ijoXMcS1XI>

1. What are the aims of the video presentation?
2. Define the term “geomorphology”.
3. List three reasons why geomorphology is important
4. What are the two elements of study that form the basis of geomorphology.
5. Define process geomorphology.
6. Define structural geomorphology
7. List the examples of big questions in Geomorphology.
8. What are the goals of geomorphology
9. What are the answers to the fundamental question of geomorphology.

**Overview of Landforms, Materials and Processes [Required, Youtube ~4 min]**

<https://www.youtube.com/watch?v=MKahbVbo2Ec>

1. List the 5 building blocks of the study of geomorphology
2. How are landforms created at the earth’s surface
3. Discuss the relationship between energy, surface processes and landform development. Provide three examples given in the video.

**Introduction to Landforms of the Earth (Youtube ~14 min)**

<https://www.youtube.com/watch?v=NqVCrXrYSoU>

1. Discuss the occurrence and distribution of plains on the Earth’s surface.
2. List the agents of erosion, what is the goal of the process.
3. Define coastal plains.
4. Define hills and mountains. Explain how they are formed on the landscape.
5. How does the age of the mountainscape effect the shape and relief.
6. Draw a sketch and discuss the concept of convergent folding.
7. Define “plateau” and how are they created.
8. Describe rivers and their importance at Earth’s surface.
9. Define delta, and describe how they are formed.
10. Compare and contrast rivers vs. glaciers, include examples of landforms created by each and how they differ.
11. Discuss the difference between oceans, gulfs and seas.
12. Discuss three reasons why it is important not to talk too fast while making a youtube video.