

ES202 Rock and Minerals Video Exercise

Name_____

Rocks and Minerals – Cambridge Science Note: rocks start at)

- 1) Why do geologists study rocks? (Rock Basics Start at TIME MARK 12:44)
- 2) What are the building block of rocks?
- 3) What are minerals made of and how many of these are naturally occurring on earth?
- 4) What elements make up the crust of the Earth and which two are the most abundant?
- 5) What is the chemical formula of Quartz?
- 6) What are silicate minerals composed of?
- 7) What are non silicate minerals made of and which groups do they form?
- 8) What is limestone made of?
- 9) List the 5 non-silicate groups.
- 10) What 5 conditions must be met in order for a substance to be a mineral?
- 11) Name the 5 properties of minerals.
- 12) Who developed Mohs Scale of Hardness in 1812?
- 13) What type of bonds hold minerals together?
- 14) What are the 3 rock types and where/how do they form?
- 15) Compare Extrusive rock formation to the formation of Intrusive rocks.
- 16) What 2 subgroups are found in sedimentary rocks?
- 17) How are metamorphic rocks formed?
- 18) Describe and sketch the rock cycle.