Name_____ Date_____ Class Sec._____

Classwork – Scientific Evidence; Eternalism vs. The Growing Block

Instructions: Try your best to answer the questions below. Please use your notes and class content to complete this assignment. You must answer in complete sentences and make sure to explain for full credit.

1. How does quantum randomness relate to the Growing Block Theory of time? Use your notes to explain the connection.

2. How does Einstein's Theory of Relativity support the B-theory/ B Model, of time? Explain.

3. Would the B-theory of time allow for time travel? If so, would time travel allow someone to change the past or future? Explain your answer.

4. Science can describe time using measurements, equations, and physical theories, but does that fully explain why we experience time as passing from past, to present, to future? How could this be used as a reason to support the A-theory of time? Explain.