

1. What is the concept of 'worldview' as laid out in Reading 2?
2. What are the basic elements the universe is made of and what are their essential characteristics?
3. How are the physical laws governing the sub-lunar and super-lunar (heavens) part of the universe different with respect to movement?
4. What is special about the 5 heavenly bodies called 'planets' among the other stars?
5. What is Essentialism and Teleological Explanation? Why does the author of Reading 2 state that they are 'flip sides of the same coin'?
6. Discuss the following statement: 'The belief that the Earth is stationary in Aristotelian worldview was based on the best available evidence of the time'. What are some of the evidences this belief was based?
7. Ptolemy, in his theory of explaining the movements of Mars uses a secondary circular orbit called epicycles, which we today know is incorrect. What was the reason for the use of epicycles in his model?