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**NO DICTIONARIES ALLOWED**

**Answer ONE question** (100 marks)

1. Discuss the limitations of the use of induction for developing scientific theories.
2. Explain Popper's views on falsification and show how they can be applied to select the better theory between two scientific theories that describe the same phenomena.
3. Discuss Kuhn's account of progress in science. Distinguish clearly the methods of science used in the different phases which he identifies in the development of scientific paradigms.
4. Say whether the change from the geocentric to the heliocentric view of the structure of the universe was evolutionary or revolutionary. Give reasons for your answer.