

# Polkinghorne Questions

## Chapter 6

1. Polkinghorne says, on page 85, “The rise of quantum theory is, of course, an outstanding example of the revisionism imposed by physical reality upon the thinking of the scientist.” What is it that the scientist needs to revise?
2. According to Polkinghorne, what question should the scientist ask instead of “Is this reasonable?”
3. Compare positivism, realism, and pragmatism as philosophical positions.
4. How does metaphysical judgment enter into the choice of an interpretation of quantum mechanics?
5. Does Polkinghorne think that quantum mechanics implies an observer-created reality? Explain.