Chapter 18
Toward a New Universe: The Transformation of Thought, 1859–1914

People
Charles Lyell
Thomas Malthus
Herbert Spencer
Thomas Henry Huxley
Honoré de Balzac
Émile Zola
Charles Baudelaire
Vincent van Gogh
Friedrich Nietzsche
Max Planck

Terms
special creation
natural selection
survival of the fittest
philology
agnosticism
positivism
sociology
psychoanalysis
relativity
quantum theory

Knowledge/Understanding Questions

1. How did Darwin’s view of nature challenge traditional views, and how was it applied?

2. Describe the application of Darwinian ideas to government, economics, race, and politics.

3. Describe the three main viewpoints in the “warfare between science and theology.”

4. Explain how the literature of Realism and how it differed from the Romantic style.

5. What was Comte’s view of history, and his purpose in writing?

6. Describe the challenges to rationalism in the ideas of Dilthey, Croce, and Weber.

7. Why and how did Impressionists reject the traditional ways of artists?

8. What contribution to human understanding did Freud make that has been so influential?

9. How did Einstein’s theories challenge the traditional Newtonian view of the universe?

10. Distinguish between the impact of new ideas on mass culture and among intellectuals.