

IBA Toss-Up Set 8

1. The book stresses simplicity and holds that happiness is not to be had by pursuit of wealth; descriptions of plants, birds, and animals are interspersed with reflections on life. FTP, identify this book based on 18 essays, written by Henry David Thoreau.

Answer: Walden

2. As governor of Algarve, this son of John I employed Arab, Jewish, and other mathematicians to teach astronomy and cartography to his captains. The improvements in ships and seamanship which he encouraged made possible the epic voyages of Diaz, Da Gama, and Columbus. FTP, identify this Portuguese prince who inspired many voyages of discovery.

Answer: Prince Henry the Navigator

3. Its official name refers to early settlements on Aquidneck Island the holdings of the Proprietor's company on the mainland. For 10 points, identify this state with the motto "Hope" whose cities include Cranston, Warwick, Pawtucket, and Providence.

Answer: Rhode Island

4. He hated Pope, saying that imagination counted more than reason. Among his poems include The Idiot Boy, The Mad Mother, and The Female Vagrant. For 10 pts, identify this British Lake Poet and Poet Laureate whose works include Ode: Intimations of Immortality, Lines Written a Few Miles Above Tintern Abbey, and "I Wandered Lonely as a Cloud".

Answer: William Wordsworth

5. According to a general statement of Newton's second law, force is the time derivative of this product and it is a quantity that is conserved when a members of a group are subject only to forces exerted on each other. For 10 points, what is this quantity from physics, the produce of mass and velocity?

Answer: momentum

6. This man was shot in 1912 by John Schrank, who claimed that the reason for the attack was that the ghost of William McKinley had asked Schrank to avenge his death at the hands of his vice-president. FTP, identify this man who succeeded McKinley as president and ran for president in 1912 for the Bull Moose party.

Answer: Theodore Roosevelt

7. It was located on the western slope of the Mount of Olives, east of Jerusalem, and is the backdrop in many religious paintings. FTP, identify this garden in which Jesus underwent his "agony" and was betrayed.

Answer: Garden of Gethsemane

8. Cross Creek Cookery is an autobiographical work about her southern friends; all of her works are set in the backwoods of Florida. FTP, identify this woman, originally a newspaper reporter, then a Pulitzer Prize-winning fiction author, who wrote South Moon Under and The Yearling.

Answer: Marjorie Kinnan Rawlings

9. Apprenticed to Haydn, this composer's works include the Kreutzer sonata and Missa Solemnis. FTP, identify this German composer famous for such works as the Emperor Concerto, the Pastoral symphony, and Fidelio.

Answer: Ludwig van Beethoven

10. Pencil and paper may be necessary. Given the function $y = x^2$, find the area under the curve in the region bounded by the x-axis and the lines $x = 1$ and $x = 2$.

Answer: 7/3

11. It is secreted by the parietal cells of the stomach and its presence transforms pepsinogen into the active enzyme pepsin. It is a water solution of an irritating pungent gas and its formula is generally written as that of the gas. For 10 points, what is this acid with a molecular weight of 36 and formula HCl

Answer: hydrochloric acid

12. He was born at Freiburg in 1856 of Jewish parents. He studied medicine at Vienna and specialized in neurology. Finding hypnosis inadequate, he substituted the method of "free association" and interpreted the data of childhood and dream recollections. For 10 points, identify this man who in 1900 published his major

work, *The Interpretation of Dreams*.
Answer: Sigmund Freud

13. It involved 1000 U.S. regulars and militiamen and occurred near present-day Lafayette, Indiana. Although indecisive, the battle made the territorial governor a national hero. For 10 points, identify this 1811 "victory" for William Henry Harrison.
Answer: Tippecanoe

14. It consists of tracheids, vessels, parenchyma, sclerenchma, the latter of which have lignified walls. Most of its cells are dead and contain no cytoplasm. For 10 points, identify this vascular plant tissue that is used to translocate water and nutrients from the roots to the stems and leaves.
Answer: xylem

15. Trained in Paris and Brussels, he began to produce sculptures which, with their varying surfaces and finishes resembled the Impressionist painters' effect of light and shade. In 1880, he received a commission for the Musee des Arts Decoratifs which he worked on for the next 30 years. For 10 points, identify this sculptor who created more than 186 figures for "The Gates of Hell" including "The Thinker".
Answer: August Rodin

16. Nicknamed "Daffy" at The Edinburgh Academy because of his gangling appearance, he devised a method for drawing certain oval curves at the age of 15 which was published by the Royal Society of Edinburgh. During his career, he published papers on the kinetic theory of gases, the nature of Saturn's rings, and a theory of color perception. FTP, identify this Scottish scientist best known for his theory of electromagnetic radiation published in 1873.
Answer: James Clerk Maxwell