

#### IBA Toss-Up Set 4

1. The main bodies of these organism are made up of mycelia, consisting of a mass of intermeshed hyphae that permeate soil, rotting wood, or some other substance. They include puffballs, toadstools, and mushrooms. FTP, identify this kingdom of plant parasites.

Answer: fungi

2. This man, the son of a prosperous merchant, became a delegate and then president from 1778-79 of the Continental Congress; he then began his diplomatic career as Minister to Spain and in 1782 was summoned to Paris by Benjamin Franklin to help negotiate the Peace of Paris. FTP, identify this man, the first Chief Justice of the United States.

Answer: John Jay

3. In his lifetime he worked as a bank clerk, farmer, teacher, and sailor; he spent 19 of his later years working as customs inspector in NYC. FTP, identify this American author who made a name for himself with his first novel, Typee, and later works such as Omoo and Moby Dick.

Answer: Herman Melville

4. This man did postgraduate studies of parapsychology, and after working with Bleuler and Janet, he met Freud, whom he followed for some years before breaking away due to disagreements over the purely sexual nature of the libido. FTP, identify this Swiss psychologist who in the 1921 work Psychological Types expounded his views on introversion, extraversion, and the collective unconscious.

Answer: Carl Gustav Jung

5. He lived from 1043 to 1099, and sporadically helped the cause of Alfonso VI the Valiant in his wars against the Moors, but consulted his own interests and sometimes even fought with the Moors. However, he became the national hero of Christian Spain, known by his title, meaning, "the lord." FTP, identify this man born Rodrigo Diaz de Vivar.

Answer: El Cid

6. Born in Limoges, France in 1841, in 1862 he entered the studio of Charles Gleyre and became friends with Claude Monet and Alfred Sisley, who shared his inclination to take up painting outdoors. He participated in the first impressionist exhibition, though he continued to produce more traditional works such as Le Moulin de la Galette. For 10 points, identify this French artist who began his work in porcelain painting whose son was a famous film director.

Answer: Pierre Auguste Renoir

7. Pencil and paper may be necessary. What is the probability of drawing a heart or a queen from a standard 52 card deck of cards?

Answer: 16/52 or 4/13

8. Works like The Heart of a Woman and Gather Together in My Name chronicle her varied, often harsh experiences of growing up in Arkansas and of her work as an actress, school administrator in Africa, and as a poet. FTP, identify this author of Singin' and Swingin' and Gettin' Merry Like Christmas, and I Know Why the Caged Bird Sings.

Answer: Maya Angelou

9. This man made a major contribution to the theoretical study of energies of electrons in atoms. In 1931 he postulated the existence of the neutrino. FTP, identify this Austrian-American physicist best known for his exclusion principle.

Answer: Wolfgang Pauli

10. Warned that 700 British troops under Lt. Col Francis Smith were marching from Boston to seize militia stores, 70 minutemen under Capt. John Parker met them in a skirmish that left 8 Americans dead, but did not prevent the British from destroying the supplies. FTP, identify this first battle of the American revolution.

Answer: battle of Lexington (and Concord)

11. Ever since St. Helena discovered what she believed to be a piece of the cross in the area in AD 327, the site has traditionally been placed within what is now the Church of the Holy Sepulchre. FTP, identify this hill, just outside the walls of Jerusalem, where Jesus was crucified.

Answer: Calvary or Golgotha

12. Thackeray read it at a sitting and "lost a whole day doing so". So encouraging was his praise for this novel, that the author dedicated its second edition to him. For 10 points, what was the 1847 novel published with the subtitle "An Autobiography of Currer Bell", the most famous by Charlotte Bronte.

Answer: Jane Eyre

13. It's name derives from a word thought to mean "mainland" or "land that is not an island" though prior to 1800, it was applied only to the peninsula and not the whole of the area. It contains the Brooks Range, the St. Elias Mountains, and the Alexander Archipelago. For 10 points, identify this state that was purchased in 1867 by the U.S. from the Russian Empire.

Answer: Alaska

14. Originally a naval officer, he began composing at the St. Petersburg Conservatory. He wrote scores for the operas The Snow Maiden and The Golden Cockerel, as well as the symphonic suite Scheherazade. FTP, identify this Russian composer of Flight of the Bumblebee.

Answer: Nicolai Rimsky-Korsakov

15. Fiercely proslavery, calling it "the perfect good," he argued against the Wilmot Proviso, saying that slaves were property and could be moved at will. He was a member of the House of Representatives from 1811-17 and Secretary of War from 1817 to 1825. FTP, identify this two-time vice president who resigned in 1832 to become a South Carolina senator.

Answer: John C. Calhoun

16. It's combination with sulphate is called Glauber's salt, it's thiocyanate is used in medicine, and its silicate is used in fireproofing, textiles and in the manufacture of paper and cement. For 10 points, what is this metallic chemical element with atomic number 11 and atomic symbol Na?

Answer: sodium