

500 Questions Volume II - Set 18

1. Using the basic principles of quantum mechanics, Hubert James and Albert Coolidge calculated the strength of this bond type and found a high degree of agreement between theory and reality. Demonstrated by most diatomic elements, it is a bond in which electrons are shared between atoms. For 10 points, what is this basic concept of chemistry?

Answer: covalent bond

2. He is an "arnest man of natur" whose chief concern through five books is rescuing from certain death virtuous daughters on perilous journeys. Known variously as "the trapper," "Hawkeye," "Pathfinder," and "Deerslayer," for 10 points, identify this central character in James Fenimore Cooper's Leatherstocking Tales.

Answer: Natty Bumppo

3. The crippled son of a white trader and a Cherokee woman, he remained in the Cherokee tribe but was intrigued by the "white-man's" books, or "talking leaves." Though he never learned to speak or read English, he invented 86 symbols for the syllables of the Cherokee language. For 10 points, name this Indian linguist.

Answer: Sequoyah

4. In birds and mammals, it originates in the right ventricle of the heart. For 10 points, what is this unique artery of the mammalian body—unique because it carries deoxygenated blood—which carries blood from the heart to the lungs?

Answer: pulmonary artery

5. The Kentucky Derby, of course, is known as The Run for the Roses; and its patrons consider their wagers over cool mint juleps. But, for 10 points, what song is always played before the running of that prestigious race?

Answer: "My Old Kentucky Home"

6. Born in 1899, he began his career as an actor at the age of twelve, but by the age of 24 was leading in his own play, The Vortex. For 10 points, who was this versatile English author and actor who wrote the song "Mad Dogs and Englishmen," two volumes of autobiography entitled Present Indicative and Future Indefinite, and the plays Hay Fever, Bitter Sweet, and Blithe Spirit?

Answer: Noel Coward

7. It was created by the Constitution of 1795 and was the executive portion of its government. Comprised of five men, it supervised laws and appointed ministers of state. For 10 points, name this body that was overthrown by Napoleon's coup d'état in 1799.

Answer: the Directory

8. Its surface is 580 feet above sea level and it reaches a maximum depth of 750 feet. It opens onto the North Channel and Georgian Bay, Saginaw Bay is one of its larger inlets, and it is connected to Lake Michigan by the Straits of Mackinac. For 10 points, what is this third largest of the Great Lakes?

Answer: Lake Huron

9. He made his debut in Granada in 1909 and toured Europe and South America for six years before making his U.S. debut in 1928. He created a new technique of guitar playing that was instrumental in establishing the guitar as a medium for art music. For 10 points, identify this Spanish classical guitarist in 1893.

Answer: Andres Segovia

10. Various plans were adopted to provide for it in 1792, 1886, 1947, and 1967. These laws kept switching each other switching the sequence from Congress to cabinet and back again until settled in by Constitutional Amendment. For 10 points, what is this mechanism currently provided for by the Amendment?

Answer: presidential succession