

**Round 1 1999 Deep Bench
TOSSUPS – Wake Forest**

HEINRICH BOLL IV at GEORGIA TECH - 1999

1. This city in Union county New Jersey was the first site of the College of New Jersey-which later became Princeton University. It grew rapidly in the late 1800s when it was the headquarters of the Singer Sewing Machine Company. FTP, name this city which shares its name with the daughter of Peter the Great, who reigned as empress from 1741 to 1762 and also with the daughter of Anne Boleyn and Henry VIII.

Answer: Elizabeth

2. Charles Lindbergh was impressed by his work and persuaded philanthropist Daniel Guggenheim to award him a \$50,000 grant so he could continue to set up an experimental station in Roswell, New Mexico. Among his classic works were A Method of Reaching Extreme Altitudes (1919) and Liquid-Propellant Rocket Development (1936). FTP, name this man whose estate NASA paid \$1 million in 1960 for use of his 214 rocketry patents and whose name is given to NASA's facility in Greenbelt, Maryland.

Answer: Robert _Goddard_

3. His Madonna of Loreto caused quite a stir because it was said that he based the Virgin Mary on the cadaver of a prostitute who had drowned in the Tiber. He also painted morbid visions of ghastly events such as his Beheading of St. John the Baptist and David with the Head of Goliath, both of which are darkened scenes bathed in an eerie light. FTP, name this Mannerist painter noted for his turbulent personal life and for his chiaroscuro techniques in such paintings as the Calling of St. Matthew.

Answer: Michelangelo Merisi da _Carravaggio_

4. He arrived on The Novara in May 1864 and because the national palace was deemed unsuitable, the royal family was established at Chapultepec Castle. Less than three years later, President Juarez turned down his appeal for clemency and he was executed on the Hill of the Bells on the outskirts of Queretaro. FTP, name this member of the Hapsburg family who Napoleon III established as Emperor of Mexico.

Answer: Maximilian

5. The story centers around Robert Cohn, a Princeton grad, former collegiate boxer, and writer who lives in Paris; Brett Ashley, an oversexed Englishwoman; and Jake Barnes, a veteran of WWI now working as a newsman. Throw in a wealthy Greek count and a couple of matadors and you have the makings of what Ernest Hemingway novel?

Answer: _The Sun Also Rises_

6. He died on the twenty-third anniversary of the Brown vs. Board of Education ruling, a ruling which he played a major role in shaping, despite not being an American. His influence came through his monumental 1944 work sponsored by the Carnegie Corporation and subtitled The Negro Problem and Modern Democracy. Author of An American Dilemma, he shared the 1974 Nobel Prize in Economics with Friedrich Hayek. FTP, name this Swede, whose wife, Alva, won the Nobel Peace Prize eight years later.

Answer: Gunnar _Myrdal_

7. When Black History Month rolls around, this Robb Armstrong creation informs us of the achievements of many African-Americans. The rest of the year, we laugh at the antics of Charlene, Clarence, Joe, Marcy, Jojo, and Sunny. FTP identify this comic strip, also a two-word term for something you might do to a battery to get a car started again.

Answer: _Jump Start_

8. A sailor is adrift ten days on a life raft without food or water, proclaimed a hero of the nation, kissed by a beauty queen, made rich by publicity, loathed by the government and then forgotten forever in his first book, an exposee titled The Tale of a Shipwrecked Sailor. Later works include Chronicle of a Death Foretold, The Autumn of the Patriarch, The Evil Hour, Leaf Storm; No One Writes to the Colonel, and One Hundred Years of Solitude. FTP, name this Colombian-born Nobel Laureate.

Answer: Gabriel _Garcia Marquez_

9. In 1811, while he was Minister Plenipotentiary to Russia, he learned that he had been nominated and confirmed by the Senate to the U.S. Supreme Court. He immediately refused the post. Seven years later, he became James Monroe's Secretary of State and soon negotiated a treaty in which Spain ceded Florida to the U.S. FTP, name this man who on February 9, 1825 won the presidency in a 13 to 11 vote in the House of Representatives.

Answer: J_ohn_Q_uincy_Adams_

10. Ordained in 1703 and called the Red Priest due to his hair color, he never worked as a priest, however, but began to teach violin at a hostel for orphan girls in Venice. He composed a set of 12 concertos for solo violins and string orchestra, called l'estro armonico and the operas Orlando Furioso, and Juditha Triumphans which he wrote to stir up patriotism during a war with the Turks. FTP, who composed a set of 1725 concertos called The Contest between Harmony and Invention, which includes The Four Seasons?

Answer: Antonio_Vivaldi_

11. In June 1999 this Texas town changed its name to Green Star for a month. In January 1994 and 1995, that same town changed its name to Blue Star. Being so close to Dallas it wanted to be sure to have its allegiances clearly identified. FTP, what is this city that shares its name with the opponents of Dallas in those two Super Bowls and one NHL final?

Answer: _Buffalo_, Texas

12. In 1927 he acquired 2,471,000 acres in the Brazilian state of Para. He wanted to turn the land into a rubber plantation that wouldn't be vulnerable to the Japanese war machine. His plan failed, but his image-maker W.J. Cameron, planted phony stories about it in the press. His earlier anti-Semitic rumblings in the Dearborn Independent and use of a tough security squad in his plants turned him from a public hero into a controversial figure. He once stated that his customers could buy his best-selling product in "any color they wanted, as long as it was black." FTP name this automobile industrialist.

Answer: Henry_Ford_

13. She wrote in the New Yorker, in October 1998, that Bill Clinton "is our first black president." He "displays almost every trope of blackness: single-parent household, born poor, working-class, saxophone-playing, McDonald's-and-junk-food-loving boy from Arkansas." FTP, name this Nobel Prize-winning author whose works include Jazz, Song of Solomon, Sula, The Bluest Eye, Beloved, and Tar Baby.

Answer: Toni_Morrison_

14. In the second half of the 16th century, he virtually liquidated the royal debt of Edward VI by manipulating the Antwerp stock exchange. Later, as the royal financial agent, he found that his tasks were difficult to execute because of the lower value of English currency in relation to the currencies of other countries; he attributed this situation to the earlier debasement of English currency. FTP, who, in attempting to restore the currency of England, observed that "bad money drives out good."

Answer: Thomas_Gresham_(Gresham's Law)

15. One of this city's most famous ceremonies was enjoined upon it by Pope Alexander III, after the city helped his forces against Frederick Barbarossa. On Ascension Day it was the tradition for the head of state to be rowed out to sea in the state barge, the Bucentaur. In the presence of this city's nobility and foreign diplomats, the head of state would throw a ring into the Adriatic as a symbol of the marriage of the city and the sea. FTP, name the city-state whose leader was called the Doge.

Answer: Venice

16. His novels are characterized by a focus on hunted men, and the discrepancy between the outer man and the inner man. The settings are often off the beaten path, such as A Burnt-Out Case, set in a leper colony, and The Heart of the Matter, which is set in Africa. FTP, name this English-born author, whose most famous works are set in Latin America- set in Argentina, the Honorary Consul and set in Mexico, The Power and the Glory.

Answer: Graham_Greene_

17. It is commonly formed in SN1 reactions in organic chemistry as it is relatively stable when it has somewhat bulky R groups. In these reactions, it is often the site of nucleophilic attack, and it always consists of a carbon atom which has only three substituents, and as a result, a positive charge. FTP, name this general intermediate.

Answer: Carbocation

18. Residents were surprised on October 12, 1999, when Prime Minister Nawaz Sharraf was toppled by the army led by General Pervez Musharraf. This action jeopardized billions of dollars in much-needed international loans and rekindled fears of unstable nations in possession of nuclear weapons. FTP, name this nation of 138 million, which borders Iran, Afghanistan and India.

Answer: Pakistan

19. This chemical process used to identify unknown compounds employs tetramethylsilane (TMS) as an internal standard in both the Carbon-13 and proton methods. It reports chemical shifts in parts per million (ppm) relative to TMS, with shielded atoms showing up close to 0 ppm and deshielded atoms appearing on the left hand side of the spectrum. With C-13, this method allows one to determine the number of magnetically different carbons in a molecule and with protons, spin-spin coupling is observed and areas under the hydrogen peaks are directly proportional to the number of protons. FTP, name this technique commonly abbreviated NMR.

Answer: Nuclear Magnetic Resonance Spectroscopy (accept NMR before "abbreviated")

20. A fervent abolitionist and opponent of the Mexican War, he succeeded Longfellow as head of Harvard's modern language department and became the first editor of the Atlantic Monthly. Later he became minister to Spain and then Britain. FTP, identify this writer who asked "and what is so rare as a day in June?" and wrote the satiric Biglow Papers.

Answer: James Russell Lowell

21. When he arrived at the mouth of the Tiber, he was hospitably received by King Latinus and became betrothed to his daughter, Lavinia. Before he could marry her, he had to fight her rejected suitor, Turnus. By marrying Lavinia, he accomplished the union of Trojans and Latins that would eventually produce the Roman people. FTP, name this hero, son of Anchises and Aphrodite, whose epic story is told by Virgil.

Answer: Aeneas

22. He was born Barret Hansen and earned a master's degree in music from UCLA. His long-running program debuted in 1970 and he wears a tux and top hat behind the mike-even though no one is watching. Some say he was singularly responsible for launching the career of "Weird Al" Yankovic, whose earliest songs were played on his show, along with tunes like "The Cockroach That Ate Cincinnati," and "Poisoning Pigeons in the Park." FTP, name this radio personality.

Answer: Dr. Demento

23. Common symptoms of this disorder contain nervousness, a constant feeling of being hot, insomnia and fatigue, hair and weight loss, and sometimes protruding eyeballs. All the body's processes speed up with this disorder, the most common type of which is Graves' disease. FTP name this disorder which may result from an abnormal immune response or from lumps or tumors that form on the thyroid and disrupt hormone production.

Answer: Hyperthyroidism

If you have heard the audio tossup, stop. If you have not, read #24.

24. Examples of this type of force include gravity and the spring force. The work it does on an object moving between any two points is independent of the path taken by that object. Therefore, the work this force does on any object moving through a closed path is always zero. FTP, name this type of force.

Answer: Conservative Force