

2-19-92

K4

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Vanderbilt University Tournament

February 1991

Duke Round

1. Born in Omaha, Nebraska, this politician served on the Warren Commission which investigated the assassination of John F. Kennedy. As a member of the Republican Party, he was elected minority leader in the House of Representatives in 1965. FTP, name this future president who was named Leslie King, Jr. at birth.

A. Gerald Ford

2. In economics, this phrase is used to indicate that all variables except for those specified are assumed to be static. Translated, the Latin phrase means "Other things being equal." FTP, What is the phrase?

A. Ceteris Paribus

3. In a 1971 book, this author stated that people were in a state of "future shock" which resulted from the "shattering stress and disorientation induced... by subjecting them to too much change in too short a time." FTP, name this author who penned Powershift.

A. Alvin Toffler

4. If an element has a positive nuclear binding energy, then energy can be released by nuclear fission, as in the case of uranium. If an element has a negative nuclear binding energy, then energy can be released by nuclear fusion, as in the case of hydrogen. But FTP, what element marks the transition between positive and negative binding energy, and has a binding energy of zero?

A. silver

5. The Greeks waited here until nightfall until what became known as the Trojan Horse had been taken into the city and the men hidden in the horse had opened the gates of Troy. FTP, What is the name of the island where the Greeks hid when they pretended to be leaving Troy?

A. Tenedos

6. When a professor from Florida State wrote his first book, The Broken Place, in 1968, it was an instant success, a critically acclaimed novel, and a Pulitzer Prize winner. But FTP, name this other book by Michael Shaara, which details the events of the battle of Gettysburg with insightful vision and forceful clarity.

A. The Killer Angels

- 6-7. Ave Verum Corpus in D, Minuet from the Divertimento, Così fan Tutti, and The Abduction of the Seraglio are some of the numerous works by this composer. FTP, Identify this famous virtuoso who wrote his own requiem before he died in 1791.
- A. Wolfgang Amadeus Mozart
- 7-8. Conquered in 538 B.C. by Cyrus the Great of Persia, this country was later conquered by Alexander the Great in 331 B.C. In 1258 A.D., it was invaded by the Mongols. FTP, What is this country, which was once known as Mesopotamia?
- A. Iraq
- 8-9. His book, Advertisements for Myself (1959), was a collection of combative essays and mean-spirited criticisms of fellow writers of his day. FTP, name this Pulitzer Prize winning author who also wrote Armies of the Night (1968).
- A. Norman Mailer
- 9-10. Constantine I was the first Roman Emperor to accept Christianity, and he transferred the capital of the Roman Empire from Rome to Constantinople. FTP, what was the edict in which Constantine agreed to tolerate Christianity in the empire?
- A. Edict of Milan
- 10-11. While working on the Origin of Species in 1858, Charles Darwin received a copy of this scientist's paper which also set forth a theory of evolution based on natural selection. Oddly, both men were inspired to unravel the evolutionary process by the same source --Thomas Malthus' Essay on Population. FTP, name this scientist who battled Darwin (and lost) for the title of discoverer of evolution.
- A. Alfred Russel Wallace
- 11-12. "Flamenco Sketches", "Freddie Freeloader", "So What", and "All Blues" are some of the many songs penned by this famous musician. FTP, Name this trumpeter who is known as the father of cool jazz.
- A. Miles Davis
- 12-13. This person was the founder of the Chilean Socialist Society and was elected president of Chile in 1970. His radical reform program disrupted the economy; strikes and widespread famine led to a military coup and to his death in 1973, reportedly by suicide. FTP, name him.
- A. Salvador Allende (Gossens)

14. Measured strictly by student enrollment, Ohio State University is the largest state university in the United States, but FTP, by the same standard, which East Coast institution is the largest U.S. private university?

A. New York University

15. Although originally formed to restore the Bourbon rule over Naples, this society later instigated many revolts against conservative regimes in Italy. FTP, name this society.

A. The Carbonari

16. This Dutch scientist not only discovered the surface markings of Mars, but also that Saturn had rings. He was the first to use the pendulum to regulate clocks and also formulated a wave theory of light. FTP, Who is this person?

A. Christian Huygens

17. This prolific Greek writer and statesman was minister of public welfare from 1919 to 1927 and minister of state from 1945 to 1946. Among his best-known works are the novels Greek Passion (1951), Zorba the Greek (1946), and his epic poem The Odyssey: A Modern Sequel (1938). FTP, name this person, who also wrote The Last Temptation of Christ.

A. Nikos Kazantzakis

18. In 1931, he demonstrated that within any given branch of mathematics there would always be some propositions that couldn't be proven to be either true or false using the rules and axioms of that mathematical branch itself. FTP, Name this Czech-born mathematician who came up with this theorem of incompleteness.

A. Kurt Gödel

19. In German myth, he was a knight sworn to the service of the Holy Grail. The son of Parsifal, he was allowed to champion and marry a mortal princess. But when she forced him to reveal his identity, he sailed away forever in his swan-drawn boat. FTP, name this knight who is the subject of a Wagner opera.

A. Lohengrin

20. A tough membrane surrounding the embryo of reptiles, birds and mammals, it contains a fluid which provides a moist, aquatic environment for the embryo. All land-laid eggs contain this membrane; the eggs of fishes and amphibians do not. FTP, what is this membrane called?

A. Amnion or Amniotic Sac

21. Flowing 120 miles southeast into the Persian Gulf, this river is formed by the confluence of the Tigris and Euphrates in southeast Iraq and marks part of the Iran-Iraq border. FTP, what is its Arabic name?

A. Shatt-Al-Arab

22. As you probably know, there are two versions of most NCAA sports --one for men and one for women. But FTP, what is the only NCAA sport in which men and women compete together?

A. Riflery

23. Jamaica, The Bahamas, Bermuda, Montego, and Aruba. FTP, taking its name from a small town in Indiana, what song mentions all these Carribean island nations?

A. Kokomo

24. The first sustained nuclear chain reaction was obtained by Enrico Fermi at the University of Chicago, but FTP, what was the first college or university in the United States to offer courses in nuclear engineering?

A. North Carolina State College

25. Take an ordinary flat strip of paper. Give it a half-twist. Now tape the ends together. FTP, What have you constructed?

A. Mobius Strip or Mobius Band

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1. [25 pts.] For 5 points each, and a 5 point bonus for all four correct: Art lovers listen up! Identify the following artists associated with the following works.

1. The Judgement of Paris
2. Toledo in a Storm
3. Les Demoiselles d'Avignon
4. Return of the Prodigal Son

A. 1) Peter Paul Reubens 2) El Greco 3) Pablo Picasso
4) Rembrandt van Rijn

2. [20 pts.] Here are five responses which will be worth 5 points. For each statement, respond with one of the following four answers: increase in demand, decrease in demand, increase in quantity demanded, or decrease in quantity demanded.

1. What happens if a good becomes more popular or more fashionable?
2. What happens if there is a sudden decrease in the price of the good due to a technological breakthrough?
3. What happens if the price of a substitute good falls?
4. What happens if the good is an inferior good and there is a drop in average income?

A. 1) Increase in Demand 2) Increase in Quantity Demanded
3) Decrease in Demand 4) Increase in Quantity Demanded

3. [30 pts.] February is National Black History Month, so for 10 points each identify the following Black Americans:

- 1) He became Attorney General of Massachusettes in 1962, and in 1967 he was elected to the U.S. Senate as a Republican, the first Black elected to that body since 1877.
- 2) Insofar as any one person can claim the title, this Montgomery, Alabama minister was the founder of the Southern Christian Leadership Conference, but he declined its presidency on the grounds that The Rev. Martin Luther King, Jr. was a better speaker.
- 3) Perhaps King's closest aide in the Southern Christian Leadership Conference, he became its second president after King's assassination in 1968, but he was driven from his post for his disagreements with other members of that organization. He was one of several former civil-rights leaders to endorse Ronald Reagan for President in 1980, and he died in 1990.

A. 1) Edward W. Brooke 2) E.D. Nixon 3) Dr. Ralph Abernathy

4. [30 pts.] Many of you may know that the only person to win more than one Nobel Prize in the same category was John Bardeen, once in 1956 and once in 1972. But little is known about his spectacular discoveries in the field of physics.

- 1) What did he invent to win the 1956 prize, a development which has revolutionized modern society?
- 2) Name the two people with whom Bardeen shared the 1972 prize, and whose names are incorporated into the name of their theory of superconductivity.

A. 1) Electronic Transistor 2) Loen Cooper and John Robert Schrieffer ✓

5. [25 pts.] Now this question is a little bit tricky so pay attention. Often one person's last name is another person's first and by putting them together, we get a jumbled sequence which contains both people's names. For example, if I asked about a slugger and a sex expert, you'd respond: Babe Ruth Westheimer. Now, let's up the stakes: I'll give you descriptions of five people and the last name of one will be the first name of the next. One caution before we start: If a person's name consist of three or more words, ~~then the middle words are optional~~ - it doesn't affect your score or the sequence. Therefore, six words will count, and any middle words may be inserted without penalty. Each correct word will be worth 5 points and there will be a five point bonus for all six.

Person 1) French Painter of the Oath of the Horatii.

Person 2) British prime minister from 1916 to 1922.

Person 3) The Fab Four member with the longest name, not counting middle names.

Person 4) The leading actor in the movie version of Scott Turow's first best seller.

Person 5) A Pre-Raphaelite artist who helped teach Dante Gabriel Rossetti to paint.

A. Jacques (Louis) David (Lloyd) George Harrison Ford (Maddox) Brown

6. [20 pts.] Tennis anyone? Do you know your tennis stars? We shall see. For the first time in over two decades, no singles player claimed more than one grand slam championship within a calendar year on both the men's and women's side. I will provide you with the tournament and you will receive 5 points for naming BOTH the male and female winners. There are no points for partial credit.

- 1) Australian Open
- 2) French Open
- 3) Wimbeldon
- 4) U.S. Open ✓

A. 1) Ivan Lendl and Steffi Graf 2) Andres Gomez and Monica Seles 3) Stefan Edberg and Martina Navratilova 4) Pete Sampras and Gabriella Sabatini

7. [30 pts.] 5 points each, 30 points for all correct: You should know that NATO stands for the North Atlantic Treaty Organization. But let's see if you can identify some other organizations known by their acronyms. I will give you five acronyms and you give the full name of the international organization for which it stands. You will receive a five point bonus for getting all five correct.

- 1) EFTA
- 2) COMECON
- 3) OECD
- 4) OAU
- 5) ASEAN

A. 1) European Free Trade Association 2) Council for Mutual Economic Assistance 3) Organization for Economic Cooperation and Development 4) Organization of African Unity 5) Association of Southeast Asian Nations

8. [30 pts.] Identify this American journalist and author from his works, 30-20-10:

- 30: Mauve Gloves and Madmen
- 20: The Right Stuff
- 10: The Bonfire of the Vanities

A. Tom Wolfe

9. [25 pts.] How well do you know American Geography? For 5 points each, and a 5-point bonus for all four correct: I'll give you the endpoints of an interstate highway; you give me the highway's number.

- 1) The San Francisco-Oakland Bay Bridge in San Francisco, and the George Washington Bridge in New York City.
- 2) San Ysidro, California, and Blaine, Washington.
- 3) Homestead, Fla., and Houlton, Maine.
- 4) Barstow, Calif., and Wilmington, North Carolina.

A. 1) I-80 2) I-5 3) I-95 4) I-40

10. [30 pts.] As you may know, the Universities of Oxford and Cambridge are federal systems made up of constituent colleges. Many of these colleges are named after benefactors or religious or historical figures. For 15 points each, give the names of the only two people to have colleges named after them at both Oxford and Cambridge. One is a benefactor, and the other is a religious or historical figure.

A. Isaac Wolfson and Jesus

11. [20 pts.] How well were you paying attention during the 80's? For 5 points each, name the four men who held the post of General Secretary of the Communist Party of the Soviet Union during the 1980's.

A. Leonid Brezhnev, Yuri Andropov, Konstantin Chernenko, and Mikhail Gorbachev

12. [20 pts.] For five points each, I will give you a list of countries; you give me the one country which borders all the countries in the list:

- 1) Libya, Niger, Nigeria, Camerood, the Central African Republic, and Sudan.
- 2) Brazil, Bolivia, and Argentina.
- 3) Bulgaria, the Soviet Union, Iran, Iraq, Syria, and Greece.
- 4) Germany, Poland, Hungary, and the Soviet Union.

A. 1) Chad 2) Paraguay 3) Turkey 4) Czechoslovakia

13. [30 pts.] For 5 points each, and a 5 point bonus for all correct: Listen up all you Political Science majors! Identify the following authors associated with the following works on political theory.

- 1) Social Contract
- 2) Leviathan
- 3) Imperialism: The Highest Stage of Capitalism
- 4) The Condition of the Working Class in England
- 5) The Accumulation of Capital

A. 1) Jean Jacques Rousseau 2) Thomas Hobbes 3) V. I. Lenin
4) Friedrich Engels 5) Rosa Luxemburg

14. [25 pts.] Let's test your knowledge of "Alternative Music." We all now that Michael Stipe is the frontman of R.E.M. I will give you a list of other bands that are popular on the college scene and for five points each you give me their leader singer.

- 1) Tin Machine
- 2) The Cure
- 3) Living Colour
- 4) Max Q
- 5) Fine-Young Cannibals

A. 1) David Bowie 2) Robert Smith 3) Corey Glover
4) Michael Hutchence 4) Roland Gift

15. [20 pts.] Let's see if you've learned the names of some really important bodies of water; two questions, 10 points each.

- 1) What is the name of the Gulf which separates Italy's toe from its heel?
- 2) What is the name of the gulf that separates Sweden from Finland?

A. 1) Gulf of Taranto 2) Gulf of Bothnia

16. [20 pts.] In analytic geometry, the four conic sections are classified by a characteristic know as eccentricity. List the four conic sections **in order of increasing eccentricity**; but be careful, a wrong answer stops you. 5 points each.

A. (in order) Circle, Ellipse, Parabola, and Hyperbola

17. [30 pts.] For 10 points each, give the names of the leaders of the following African countries. Here's a hint: They all have names that (in English) start with the letter "M."

- 1) Prime Minister of Zimbabwe
- 2) President of Zaire
- 3) President of Ethiopia

A. 1) Robert Mugabe 2) Mobuto Sese Seko 3) Mengistu Haile Miriam

18. [30 pts.] Identify this British humorist and author from his works, 30-20-10:

- 30: The Twits, and The Wonderful World of Henry Sugar
- 20: Revolting Rhymes, Fantastic Mr. Fox
- 10: Charlie and the Chocolate Factory, Charlie and the Great Glass Elevator

A. Roald Dahl

19. [20 pts.] Five points each, 20 points for all three: What cabinet-level department of the federal government contains each of the following agencies?

- 1) National Park Service
- 2) U.S. Forest Service
- 3) National Weather Service

A. 1) Interior 2) Agriculture 3) Commerce

20. [30 pts.] Identify the year, 30-20-10.

- 30: Japan passes the Railroad Nationalization Act and establishes the Southern Manchurian Railway.
- 20: An unofficial, unsanctioned "Olympic Games" is held in Athens, Greece, despite the fact that that year was not supposed to have an Olympiad.
- 10: A disastrous earthquake, followed by an even more disastrous fire, occurred in San Francisco.

A. 1906

21. [20 pts.] For 10 points each, name the only two players in the history of the Major League Baseball to both hit 300 home runs and steal 300 bases in their careers.

A. Bobby Bonds, Willy Mays

22. [30 pts.] George Bernard Shaw used to say that there were three nearly perfect things in the universe. For 20 points each, what were Shaw's favorite things?

A. 1) The Sea 2) Shakespeare's Hamlet 3) Don Giovanni

23. [25 pts.] The chemical element einsteinium was (obviously) named after Albert Einstein. For 5 points each, give the other elements in the actinide series named after famous scientists.

A. Curium, Fermium, Mendelevium, Nobelium, Lawrencium

24. [25 pts.] The following quote is taken from an autobiographical work. For 25 points, identify its author:

"The next January found Miss Starr and myself in Chicago, searching for a neighborhood in which we might put our plans into execution. In our eagerness to win friends for the undertaking, we utilized every opportunity to set forth the meaning of the settlement as it had been embodied in Toynbee Hall, although in those days, we made no appeal for money, meaning to start with our own slender resources."

A. Jane Addams

25. [30 pts.] There are many island nations in the world, and many nations spread over several islands. There are also a few islands shared by two or more nations. For 5 points each, what two nations share each of the following islands?

- 1) Hispanola
- 2) Tierra del Fuego
- 3) New Guinea

A. 1) Haiti and the Dominican Republic 2) Argentina and Chile 3) Indoneasia and Papua New Guinea