

Georgia High School State Championship  
Armstrong State College  
March 11-12, 1988  
Written by Mike Decker and Tom Waters

Tossups  
Round Four

1. Some scholars believe that this five-letter word was an archaic Greek verb meaning "to set into verse" which, over several centuries, became personified and so was used to name a person who never really existed. For 10 points--what is this word or name which underlies much of Western literature?

Answer: Homer

2. These co-enzymes or precursors of co-enzymes do not provide any energy nor do they serve as building units of anything else. Nevertheless, as Sir Frederick Hopkins and Casimir Funk demonstrated early in this century, we just can't do without them. For 10 points--what general name is given to such substances as retinol and riboflavin?

Answer: Vitamins

3. In 1506 at the age of six, he inherited the Netherlands from his father; at the age of sixteen he inherited the kingdoms of Naples and Spain from his mother; at the age of nineteen he became Archduke of Austria upon the death of his grandfather, the emperor Maximilian, and then became emperor himself. For 10 points--who was this greatest of the Hapsburgs who finally abdicated all of his titles in 1556 to enter a monastery?

Answer: Emperor Charles V or King Charles I of Spain

4. He meant to be controversial and didn't mind being offensive when he called Socrates "the patron saint of moral twaddle" and proclaimed the death of God. For 10 points--who was this flamboyant German philosopher whose thesis was that the dominant force in history is the "will to power"?

Answer: Friedrich Nietzsche (NEE-cheh)

5. The one in the Supreme Court is ornate brass and separates that part of the room reserved for lawyers admitted to practice before the court from the rest of the room. FTP--what name is given to such a dividing line in all U.S. courts?

Answer: Bar

6. British novelist John Galsworthy was on a steamship off the coast of Africa when a young ship's officer approached him with a manuscript entitled *Almayer's Folly* which he wanted the great man to review. The younger man had doubts if he knew enough English to become a writer in that foreign tongue. He did. For 10 points--who was this Polish sailor better known as the author of *Lord Jim*?

Answer: Joseph Conrad (or Josef Teodor Korzeniowski)

7. Astronomers know it as either NGC 1952 or M 1. It is expanding at 700 miles per second but is still safely 5,000 light-years away. For 10 points--name this most intensely studied bright nebula.

Answer: Crab Nebula

8. This city was founded in the eleventh century by Harold III. In the thirteenth century it became the national capital, but came under the dominance of the Hanseatic League. After being destroyed in 1624 by a great fire, it was rebuilt and for 300 years was named Christiania. For 10 points--what name has this northern city had since 1925?

Answer: Oslo, Norway

9. The most famous was that erected by Kaniska I near Peshawar, India in the second century A.D., to enshrine a collection of relics of the Buddha. It inspired later imitations in Japan, China, and Korea. For 10 points--name these tower-like temples of the Far East.

Answer: Pagodas

10. In 1889 the Sisters of St. Francis founded St. Mary's Hospital in Rochester, Minnesota with a medical staff of just three men--a father and his two sons. Their last name came to be applied to the clinic they founded. For 10 points--name this American medical landmark.

Answer: Mayo

11. Triangle ABC has the property that the altitude to side BC bisects angle A. FTP--what kind of triangle is ABC?

Answer: Isosceles (not equilateral or equiangular)

12. You have likely heard the expression that something is so with no "ifs, ands, or buts." And, if, or, and but are, for 10 points, examples of what part of speech?

Answer: Conjunctions

13. Pope John Paul II is formally addressed as "Your Holiness." This ruler is the only person who is formally addressed as "Your Celestial Emperor Whom One Regards From Below the Staircase"--and has been so addressed since 1926. For 10 points--who is this long-lived East Asian?

Answer: Hirohito

14. All of its action takes place in Denmark and Sweden. After many melodramatic adventures, its title hero settles down to rule as King of the Geats. For 10 points--what is this early eighth century epic?

Answer: Beowulf

15. He summed up his masterpiece in the single provocative sentence: "I have described the triumph of barbarism and religion." For 10 points--who was this learned writer who mightily offended eighteenth century England by blaming the decadent Christians for toppling the Roman Empire?

Answer: Edward Gibbon

16. He won the 1945 Nobel Prize in Physics for discovering that no two fermions in a system can have the same four quantum numbers. For 10 points--who was this Austrian-born scientist and formulator of the exclusion principle?

Answer: Wolfgang Pauli

17. The senior senator from this state traditionally sits at Daniel Webster's old desk. For 10 points--what is this most Republican state on the east coast?

Answer: New Hampshire

18. Mechanical types include globe, poppet, butterfly, and spool. In the human body they can be tricuspid, bicuspid, or semilunar; while in brass wind instruments they can be ascending or descending. For 10 points--what?

Answer: Valves

19. Oil is not Iran's only valuable export. That country is also the source of the world's finest hydrated copper and aluminum phosphate, a blue gemstone that is actually named for the nation on Iran's northwest border. For 10 points--name this gemstone.

Answer: Turquoise

20. A city in Florida linked to the space center on Cape Canaveral shares its name with a town in Pennsylvania where Colonel E.L. Drake drilled the first oil well. For 10 points--what's the common name?

Answer: Titusville

21. This term was introduced into chemistry in 1868 to express the numerical value of the power of combination of an element. For 10 points--name this synonym for "combining capacity."

Answer: Valence

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Bonuses  
Round Four

1. (20 Points) Common law in the United States is based upon legal precedent and general principles of justice--as opposed to legislative law. For 10 points apiece:
  - a. Name the only U.S. state which does not follow common law? Answer: Louisiana
  - b. Name the 19th century legal code which replaces common law in Louisiana. Answer: Code Napoléon
  
2. (20 Points) Geneticists now use DNA sequencing to determine the degree of kinship among differing species. For 10 points apiece:
  - a. What other animal is 98.4% identical to man in its DNA and is thus our closest relative?  
Answer: Chimpanzee
  - b. The chimpanzee is man's closest relative. What primate is the chimpanzee's closest relative?  
Answer: Man or Homo sapiens (Gorilla is second closest)
  
3. (30 Points) Only once has a third party finished better than third in a U.S. presidential election--finishing a strong second in both popular and electoral votes. For 10 points apiece:
  1. Name the party. Answer: Progressive or Bull Moose Party
  2. In what year did the Bull Moose Party run? Answer: 1912
  3. Who was its candidate. Answer: Theodore (or Teddy) Roosevelt
  
4. (20 Points) A few nations--such as Trinidad and Tobago--have conjunctions in their names. For 5 points apiece--complete the names of these other U.N. member nations.
  - a. St. Christopher and Answer: Nevis
  - b. Sao Tome and Answer: Principe
  - c. St. Vincent and the Answer: Grenadines
  - d. Antigua and Answer: Barbuda
  
5. (30 Points) If you can't answer this bonus, then I may just get to add a third part to it later on. For 15 points each:
  - a. In the title of the 1940 Thomas Wolfe novel, just what is it *You Can't do*? Answer: Go Home Again
  - b. In the 1936 Kaufman and Hart comedy, what is it *You Can't do*? Answer: Take It With You
  
6. (30 Points) Former Mississippi Senator Lamar had the curious first names of Lucius Quintus Cincinnatus. For 10 points each--which current U.S. senator bears the unusual first name of:
  - a. Spark Answer: Matsunaga (Hawaii)
  - b. Orrin Answer: Hatch (Utah)
  - c. Alfonse Answer: D'Amato (New York)
  
7. (30 Points) Thirty points are yours for identifying this chemical element on the first clue; 20 on the second; 10 on the third.
  - a. It forms 10% of your body weight but makes up 16% of proteins.
  - b. It is one of the very few elements which can form hydrogen bonds with hydrogen.
  - c. Plants, unlike animals, are able to take it directly from the soil or the air.  
Answer: Nitrogen
  
8. (20 Points) This historic city in Westphalia has gone by three names as the Dutch, French, and Germans have alternately controlled it. The Dutch name for this city is Aken (AH-ken) spelled A-K-E-N. For 10 points apiece--spell:
  - a. The German name for this city. Answer: A-A-C-H-E-N
  - b. The French name for this city. Answer: A-I-X L-A C-H-A-P-E-L-L-E
  
9. (30 Points) The U.S. Civil War lasted from April 12, 1861 to April 9, 1865. For 10 points each--what other era of U.S. history lasted exactly:
  - a. From January 29, 1920 to December 5, 1933? Answer: Prohibition
  - b. From January 20, 1969 to August 9, 1974? Answer: Presidency of Richard Nixon (or equivalent)
  - c. From April 24 to December 10 of 1898? Answer: Spanish-American War
  
10. (25 Points) Dr. Seuss revolutionized preschool reading through sheer inventive cleverness. For 5 points each (and an additional 5 points for all four)--complete these four Dr. Seuss titles:
  - a. Green Eggs and... Answer: Ham
  - b. Horton Hears a... Answer: Who
  - c. The Cat in... Answer: The Hat
  - d. And To Think That I Saw It On... Answer: Mulberry Street

11. (20 Points) October 1987 was bad all over--not just for the Dow Jones Industrials in New York. For 5 points apiece--what city's stock exchange suffered similar losses on its:

a. Nikkei Shares Index?

Answer: Tokyo

b. Hang Seng Index?

Answer: Hong Kong

c. T.S.E. 300 Index?

Answer: Toronto

d. Financial Times 100 Index?

Answer: London

12. (25 Points) According to the newly-signed INF Treaty, the Soviets can drop in to inspect 22 nuclear research or missile production sites in the United States. For 5 points each--in which state are these specific sites found:

a. Redstone Arsenal

Answer: Alabama

b. Dugway Proving Grounds

Answer: Utah

c. White Sands Missile Range

Answer: New Mexico

d. Eglin Air Force Base

Answer: Florida

e. Poker Flats Research Range

Answer: Alaska

13. (25 Points) Lord Brougham said of him that he "uttered fewer words in the course of his life than any man who ever lived to fourscore years" not excepting Trappist monks. Indeed, he lived as a recluse, communicated with his servants only through notes, refused to tolerate the sight of women, and perpetually dressed in a frilled and ratty coat. For 25 points--who was this true eccentric who, in his isolation, discovered the chemical composition of air, the chemical composition of water, and the density and mass of the earth?

Answer: Henry Cavendish

14. (30 Points) Thirty points are yours for identifying this city after the first clue; 20 after the second; or 10 after the third.

a. For the third straight year, it has earned the nickname "Murder Capital USA" for having the highest frequency of homicides.

b. It was called Fort Pontchartrain when it was founded in 1701 by Antoine de la Cadillac.

c. It lies directly north of Windsor, Canada.

Answer: Detroit, Michigan

15. (20 Points) The Mexican War spawned the political careers of two generals, one of whom made it to the White House. For 10 points apiece--identify:

a. Old Rough and Ready, who led the U.S. Army at Buena Vista in 1847.

Answer: Zachary Taylor

b. Old Fuss and Feathers, who directed the most brilliant campaign of the war.

Answer: Winfield Scott

16. (20 points) They are the two most rural states in America and easily lead all other states in honey production. Both entered the union on November 2, 1889. One ranks seventeenth in size; the other, sixteenth. One ranks 46th in population; the other, 45th.

1. For 10 points--name both of these neighboring and remarkably similar states.

Answer: North Dakota and South Dakota

2. For 5 points each--name the capitals of North and South Dakota.

Answer: Bismarck and Pierre

17. (20 Points) It has been called the art of the tree barber, but its practitioners say it is the art of the tree mason or foliage sculptor. For 20 points--what term identifies the training of living trees and shrubs into artificial, decorative shapes?

Answer: Topiary

18. (20 Points) It sounds like the contents of Fort Knox but was actually given to that Mongol kingdom which stretched from eastern Europe to central Asia in medieval times. For 20 points--what is this two-word name?

Answer: Golden Horde

19. (20 points) Critics like to remark that he wrote the same novel 135 times and never lost his audience. For 20 points--who was this 19th century author whose three most popular novels were *Ragged Dick*, *Luck and Pluck*, and *Tattered Tom*?

Answer: Horatio Alger

20. (30 points) For 10 points each, identify the following vitamins:

a. This vitamin maintains collagen. Sweet potatoes, broccoli, and turnips are good sources. One form is also called ascorbic acid.

Answer: Vitamin C

b. It promotes good eyesight. It is found in liver and collard greens.

Answer: Vitamin A

c. A form of this vitamin is also called tocopherol.

Answer: Vitamin E