

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

Tossups
Round Nine

1. It has been called "a psychological Pearl Harbor," but nowadays Americans no longer look upon October 4, 1957 as a day which will live in infamy. For 10 points--what surprise did the Soviets spring on the world that day?

Answer: Sputnik I or the First Satellite

2. In 1988 the Italian government approved a two to three year project costing about \$30 million to build an immense reinforced concrete wheel to be buried underground and connected by spokes to the marble base of one of Italy's top tourist attractions. For 10 points--name this 819-year-old structure which is now fourteen feet off perpendicular.

Answer: Leaning Tower of Pisa

3. A swagman steals and butchers a jumbuck, then leaps to his death in a billabong when pursued by a squatter. A bizarre plot yes, but one familiar to every Australian school child. For 10 points--what rollicking ballad, the unofficial national anthem of that country, is so described?

Answer: Waltzing Matilda

4. When discovered in 1781 it was named "George's Star," even though its discoverer knew it wasn't a star. For 10 points--name this first planet discovered in modern times.

Answer: Uranus

5. Ancient Egyptian history is divided into Early, Middle, and New Kingdoms. For 10 points--what are the two major divisions of ancient Egyptian geography?

Answer: Upper and Lower Egypt

6. In botany it refers to the central core of vascular plant stems; in human anatomy it can refer to the marrow of bones or to the soft center of an organ such as the kidneys. FTP--name this term, which also designates the lowest part of the brain.

Answer: Medulla

7. Russia sends periodic law-breakers to Siberia. This Russian was born in Siberia and formulated the Periodic Law. For 10 points--name this 19th century scientist.

Answer: Dmitri Mendeleev

8. Its full title is The Company of Captain Frans Banning Cocq (COKE) and Lieutenant Willem van Ruytenburch. It received its present title in the 19th century when it became covered with boiling oil and varnish. In 1946 it was cleaned, revealing a brilliantly colored work that is actually a daytime scene. For 10 points--name this 1642 Rembrandt work.

Answer: The Nightwatch

9. In October 1837, U.S. general Sidney Jessup requested peace talks and sent out a flag of truce from his headquarters in St. Augustine, Florida. The leader who responded to the flag was seized, put in irons, and imprisoned near Charleston, South Carolina, where he died the following year. For 10 points--name this Seminole Indian chief.

Answer: Osceola

10. Collateral refers to something of value offered to guarantee repayment of a loan. For 10 points--in Shakespeare's The Merchant of Venice, what collateral did Antonio offer Shylock to secure a loan?

Answer: A Pound of Flesh

11. It originated when a dispute over party membership arose at the 1903 Congress of the Russian Social Democratic Workers' Party. It opposed Lenin's plan for a party restricted to professional revolutionaries. For 10 points--name this "minority party" which opposed the Bolsheviks.

Answer: Mensheviks

12. You probably have never heard of her first and best book, *Renascence and Other Poems*, published in 1917. The title of her most famous poem, "First Fig," may also be unfamiliar to you. But, it's a good bet that you've heard the most famous lines of this poem. For 10 points--what American poet wrote "My candle burns at both ends/ It will not last the night"?

Answer: Edna St. Vincent Millay

13. You would find Transylvania in Rumania. For 10 points--in what country would you find a region called Transvaal?

Answer: Republic of South Africa

14. It begins with acetyl coenzyme A and ends with the conversion of maleate to oxaloacetate. It produces two molecules of carbon dioxide and one molecule of ATP. For 10 points--name this important process whereby living cells oxidize foodstuffs to obtain energy.

Answer: Krebs Cycle or Citric Acid Cycle or Tricarboxylic Acid Cycle

15. ...Western Eyes by Joseph Conrad; ...the Greenwood Tree by Thomas Hardy; ...Ben Bulben by W.B. Yeats; ...the Volcano by Malcolm Lowry; and ...Milkwood by Dylan Thomas. For 10 points--what preposition begins each of these titles.

Answer: Under

16. The most common operation performed in the United States today is the surgical removal of living tissue in order to diagnose a health problem. For 10 points--what is the name of this procedure?

Answer: Biopsy

17. There have been several monarchs called "the great" and an occasional "the weak," "the fat," or "the bald." But only one ever got stuck with the honorific Grozny, a word properly translated as "awe-inspiring" or "dreadful." For 10 points--what was the royal name and number of this quite dreadful 16th century tsar?

Answer: Ivan IV (prompt on "Ivan the Terrible")

18. It was lent to New York in 1939 to benefit the Spanish Refugee Relief Committee and was kept on extended loan at the Museum of Modern Art for 42 years--until Spain was no longer fascist and was thereby entitled to have it back. For 10 points--name this famous painting by Pablo Picasso about the destruction of a Basque fishing village.

Answer: Guernica

19. The First lasted from 1791 to 1811; the Second lasted from 1816 to 1836 when Andrew Jackson finally succeeded in killing it. For 10 points--what name is given to this financial agency of the federal government?

Answer: Bank of the United States or U.S.

20. Georgia is famous for its red clay. Central Georgia is also home to 60% of the world's production of a valuable white clay--a clay used for coating paper and for making china and ceramics. For 10 points--name this aluminum-rich white clay.

Answer: Kaolin

21. At her 1456 trial she was found innocent on all charges--which didn't do her a lot of good as she had already been executed following an earlier trial--but did help her get canonized in 1920. For 10 points--who was this Maid of Orleans?

Answer: Joan of Arc

1. (30 Points) In 1942, a lieutenant colonel lifted the spirits of Americans by leading sixteen B-25 twin-engine bombers on a raid of Tokyo. For 10 points apiece:

- a. Name him. Answer: James Doolittle
- b. From which aircraft carrier did Doolittle take off? Answer: Hornet
- c. Finally, where did Doolittle and his men land their planes? Answer: They Didn't Land but Bailed Out over China

2. (20 Points) Several chemical elements have alternate names--which usually account for their otherwise illogical chemical symbols. For 5 points apiece--what element has the alternate name of:

- a. Natrium Answer: Sodium
- b. Wolfram Answer: Tungsten
- c. Kalium Answer: Potassium
- d. Hydrargyrum Answer: Mercury

3. (20 Points) It appeared in January of 1888 and, by the end of 1891, had become the biggest bestseller of its time. In 1935 a panel of great books experts chose it as the most important American book of the preceding half century. For 10 points each:

- a. Name this novel about Julian West, a Bostonian who goes to sleep in 1887 and wakes up 113 years later.
Answer: Looking Backward: 2000-1887
- b. Who was the author of Looking Backward?
Answer: Edward Bellamy

4. (20 Points) For 5 points apiece--what specific means of transportation did these men use to reach the North Pole?

- a. Peary and Henson, 1909 Answer: Dog Sled
- b. Richard Byrd, 1929 Answer: Airplane
- c. Commander William R. Anderson, 1958 Answer: Submarine or The Nautilus
- d. Roald Amundsen and Lincoln Ellsworth, 1926 Answer: Dirigible or Balloon

5. (20 Points) Courtroom Latin has made a few contributions to popular speech. For 10 points each--identify these words.

- a. When a grand-jury refuses to indict, it does so by announcing in Latin, "We take no notice of." What is this word which now means a really stupid person?
Answer: Ignoramus
- b. This Latin word for "elsewhere" is often used by defendants who claim they couldn't be guilty because they were elsewhere at the time a crime was committed.
Answer: Alibi

6. The phylum Mollusca is divided into six separate classes. FTP apiece--within which class are the following molluscs:

- a. Snails and slugs? Answer: Gastropoda or Gastropods
- b. Clams and oysters? Answer: Bivalvia or Bivalves
- c. Octopuses and squids? Answer: Cephalopoda or Cephalopods

7. (20 Points) Darwin wrote *On the Origin of Species*. For 5 points each--name the author of these other "On" works.

- a. *On First Looking Into Chapman's Homer* Answer: John Keats
- b. *On Liberty* Answer: John Stuart Mill
- c. *On the Duty of Civil Disobedience* Answer: Henry David Thoreau
- d. *On the Revolutions of the Heavenly Spheres* Answer: Nicolaus Copernicus

8. (30 Points) You'll gain 30 points by identifying this city on the first clue; 20 on the second clue; or 10 on the third.

- a. The last major battle of the Civil War took place outside this city in December 1864 when federal forces under George Thomas defeated the Confederates under John Hood.
- b. U.S. president James K. Polk is buried on its capitol grounds.
- c. It is sometimes called "The Athens of the South" and contains a copy of the Parthenon.
Answer: Nashville, Tennessee

9. (30 Points) FTP apiece--identify the major Western philosopher who introduced these catch phrases into the discipline.

- a. The allegory of the cave Answer: Plato
- b. The Golden Mean and the Unmoved Mover Answer: Aristotle
- c. The categorical imperative Answer: Immanuel Kant

10. (30 Points) The state of Oklahoma borders six other states. For 10 points apiece:

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- Which two states border Oklahoma on the north? Answer: Colorado and Kansas
 - Which two states border Oklahoma on the east? Answer: Missouri and Arkansas
 - Besides Colorado, Kansas, Missouri, and Arkansas, which two states border Okla.? Answer: New Mexico and Texas
11. (20 Points) The lock and key hypothesis is used to explain enzyme properties. FTP each--which term identifies:
- The substance upon which a certain enzyme acts, analogous to the "lock." Answer: Substrate
 - The part of the enzyme molecule which fits the substrate, analogous to the "key." Answer: Active Site
12. (20 Points) Sir Christopher Wren was a mathematician and astronomer who turned to architecture after the Great London Fire of 1666. For 10 points each--identify these two churches he designed:
- It contains the graves of the Duke of Wellington, Admiral Nelson, and Sir Christopher himself.
Answer: St. Paul's Cathedral
 - Wren's most expensive church is best known for its bells. Anyone born within the sound of these bells is called a Cockney.
Answer: St. Mary-le-Bow
13. (30 Points) I will give you three pairs of dates and places. For 10 points apiece--you tell me what noted person was burned at the stake on that date and in that place.
- July 6, 1415 in Constance, Switzerland Answer: Jan Hus or John Huss
 - May 30, 1431 in Rouen (roo-OHN), France Answer: Joan of Arc
 - May 23, 1498 in Florence, Italy Answer: Girolamo Savonarola
14. (30 Points) The Olympic Games may eventually fall victim to political intrigue. For 10 points each--in what year:
- Did the original Olympic Games begin in Greece? Answer: 776 BC
 - Were the modern Olympics revived? Answer: 1896
 - Did the Winter Olympics begin? Answer: 1924
15. Our scientific measurements are constantly being redefined. For 10 points each--which SI units are currently defined as:
- The duration of 9,192,631,770 periods of a certain line in the microwave spectrum of cesium-133?
Answer: One Second
 - The amount of substance which contains as many entities as there are atoms in exactly 0.012 kilograms of carbon-12.
Answer: Mole
 - 1,650,763.73 wavelengths of a certain line in the orange-red region of the emission spectrum of krypton-86.
Answer: Meter
16. (30 Points) The Common Market now includes most of Western Europe, but the founding members are still often called the "Inner Six." For 5 points apiece--name these six nations who maintained their exclusive club from 1952 to 1973.
Answer: France, Italy, West Germany, Belgium, Luxembourg, and Holland or The Netherlands
17. The Reagan landslide of 1984 was rather impressive--electorally speaking--but no fewer than four other presidential candidates have received a higher percentage of the popular vote during just this century. For 5 points apiece--name them.
Answer: Warren Harding, Richard Nixon, Lyndon Johnson or LBJ, and Franklin Roosevelt or FDR
18. (25 Points) For 5 points each--identify the following words, all of which begin "meta."
- The biological process of going from an egg to an adult Answer: Metamorphosis
 - Bones of the hand. Answer: Metacarpals
 - The philosophical study of the nature of things. Answer: Metaphysics
 - The sum of the physical and chemical processes of an organism. Answer: Metabolism
 - Chromosomes arrange themselves along the equatorial plane. Answer: Metaphase
19. (25 Points) Many top-flight movies make the Nielsen Top Twenty the first time they are shown on commercial TV. Only two movies, however, have ever made the top twenty on both their first and second television outings. For 10 points name one or, for 25 points, name both of these extremely popular films.
Answer: Gone with the Wind and The Wizard of Oz
20. (30 Points) What are little boys made of? Well, the same kind of stuff as all the rest of us. For 15 points each:
- What element makes up fully 65% of your body weight? Answer: Oxygen
 - After oxygen, what element makes up 18% of your body weight? Answer: Carbon