

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

Tossups  
Round Eleven

1. She is the first person in history recorded as laughing and did so when, as a childless old woman, she was told she would soon bear a son to her husband Abraham. For 10 points--name her.

Answer: Sarah

2. The word itself is derived from the Greek word for "carpenter" because all of them fit together neatly like a giant mosaic. For 10 points--what is this three-syllable term used to name those slowly moving slabs or plates which underlie the Earth's surface?

Answer: Tectonic Plates or Plate Tectonics

3. His entire career was one disaster after another but, as modern-day PR men would put it, "He got good press." During a ten-year reign, he spent only six months in his country, spending the other nine and one-half years in a series of bloody and futile wars which drained the royal treasury and finally bankrupted the country when it had to pay a ransom to get him back. For 10 points--who was this 12th century crusading king of England?

Answer: Richard I or the Lion-Hearted

4. Union soldiers on their way to the front at Bull Run in July 1861 were astonished to see a bearded civilian driving a black-curtained wagon making his way toward the forthcoming battle. For 10 points--name this pioneer who captured on film the actual sights of the war.

Answer: Matthew Brady

5. They were originally referred to as the Old Comers and later as the Forefathers. In 1820, at a bicentennial celebration, Daniel Webster gave them the name we use today. For 10 points--what term identifies these 35 members of the English Separatist Church?

Answer: Pilgrim Fathers

6. Ozone is an allotropic form of the element oxygen. This other Group VI chemical element has allotropes that are called rhombic and monoclinic. For 10 points--name this element formerly known as brimstone.

Answer: Sulfur

7. The 1853 Gadsden Purchase was supposed to lead to construction of a southern route transcontinental railroad. Which "railroad," for 10 points, was formed in response to the 1850 Fugitive Slave Act?

Answer: Underground Railroad

8. This entire book takes place on June 16, 1904--one day in the life of Leopold Bloom, his wife Molly, and Stephen Daedalus. For 10 points--name this James Joyce novel.

Answer: Ulysses

9. During the Reign of Terror she had the gruesome task of making death masks from heads freshly severed by the guillotine. In 1802 she took her collection of heads to England and took up residence on Baker Street. For 10 points--name this curator of London's most famous wax museum.

Answer: Madame Tussaud

10. Our common name for this element is from the Swedish word meaning "heavy stone." Its alternate name comes from two animals, the wolf and the raven. For 10 points--identify element number 74 which melts at 6000 degrees Fahrenheit.

Answer: Tungsten

11. They are more powerful than a locomotive, almost as fast as a speeding bullet, and are able to leap 100-foot-tall buildings with a single bound. The planet Krypton probably had lots of them before its self-destructed, but on Earth it seems that Japan gets most--so many that they are given a Japanese name. FTP--what are these seismically generated walls of water called?

Answer: Tsunami

12. This word is a rough synonym for "zoo." It identifies a collection of animals kept for public display. In a play by Tennessee Williams, the animals are glass figurines. For 10 points--what's the word?

Answer: Menagerie

13. It's not Venice, but many of its buildings are sinking at the rate of a foot a year. It's not Tokyo, but it does have a population of fifteen million. It's not Montreal, but it did host the 1968 Summer Olympics. For 10 points--name this capital city.

Answer: Mexico City

14. In 1613 the Zemsky Sobor met to elect a new leader after the Time of Troubles and the death of Fyodor I. It chose a sixteen-year-old boy who became the first tsar of a Russian dynasty that last until 1917. For 10 points--name him.

Answer: Michael Romanov

15. In 1890 it was the site of the last major battle of the Indian Wars. In 1973, two hundred members of the American Indian Movement occupied it for 69 days. For 10 points--name this South Dakota reservation.

Answer: Wounded Knee

16. Warren Harding's Teapot Dome scandal concerned oil. In 1875 some 240 members of the Grant administration were arrested. For 10 points--what valuable liquid was at the center of this scandal in Grant's Treasury Department?

Answer: Whiskey (the Whiskey Ring)

17. He used his mother's face and his mistress' figure for inspiration. The combination worked, and he won his country's competition to sculpt the statue commemorating a century of Franco-American friendship. For 10 points--name the sculptor of the Statue of Liberty.

Answer: Frédéric Bartholdi

18. It is also called kinetic sculpture. Well-known examples include *Horizontal Spines* and *Lobster Trap and Fish Tail*. Its current name was provided by Marcel Duchamp in 1932 for the Paris exhibition of Alexander Calder. For 10 points--name this art form.

Answer: Mobiles

19. He was "born again" on May 24, 1738 while listening to a reading of Luther's commentaries on the Epistle of the Romans and took as his life's work the preaching of the good news--which he thereafter did at an average rate of twenty sermons per day for the next 53 years: over 400,000 sermons in all. For 10 points--who was this most famous preacher of his day, and founder of Methodism.

Answer: John Wesley

20. Cornelius Vanderbilt was, but Andrew Carnegie wasn't. George Dewey was, but Thomas Dewey wasn't. Lionel Richie was, but Michael Jackson wasn't. And the Amiga is, but the Macintosh isn't. For 10 points--what?

Answer: Commodores (Note to add later: Nutt was, but Tom Thumb wasn't)

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Bonuses  
Round Eleven

1. (30 Points) In 1936 an American author completed a trilogy of novels: *The 42nd Parallel*, *1919*, and *The Big Money*. For 15 points each:

- a. By what appropriate three-letter abbreviation is this trilogy known?  
b. Name the author of this U.S.A. trilogy.

Answer: U.S.A.  
Answer: John Dos Passos

2. (30 Points) Thirty points are yours for naming this number on the first clue; 20 on the second; or 10 on the third.

- a. It is the wavelength in centimeters produced by cold ionized clouds of hydrogen in outer space.  
b. It is the number of demands that Japan presented to China in 1915.  
c. It is a popular card game.

Answer: Twenty-one

3. (20 Points) The monetary situation in Panama is, even by Central American standards, a bit strange. FTP apiece:

- a. What monetary unit is actually used in Panama as the official currency?  
b. What name is officially given to these U.S. dollars used in Panama?

Answer: U.S. (or American) Dollar  
Answer: Balboas

4. (25 Points) History is full of famous men. The following all have names that begin M-E-N. For 5 points each--identify:

- a. The first king of unified Egypt (3100 BC).  
b. The Greek king whose wife Helen started the Trojan War.  
c. The 19th century German composer who wrote "The Wedding March."  
d. The Baltimore editor who wrote *The American Language*.  
e. The Italian composer who wrote *Amahl and the Night Visitors* and who organized the Spoleto Festival.

Answer: Menes  
Answer: Menelaus  
Answer: Felix Mendelssohn  
Answer: H. L. Mencken  
Answer: Gian-Carlo Menotti

5. (20 Points) In 1884, Teddy Roosevelt and Henry Cabot Lodge, Sr. were the two most famous "mugwumps" in America. They qualified for this distinction by bolting the Republican Party that year to support the Democratic presidential candidate. For 10 points apiece:

- a. Name the Democratic candidate who received the support of mugwumps in 1884.  
b. Which Republican did Grover Cleveland defeat in this election?

Answer: Grover Cleveland  
Answer: James G. Blaine

6. (30 Points) The language of science is often intentionally obscure. For 10 points each--what relatively common terms have these more complicated definitions:

- a. A solid ionic compound made up from a cation (CAT-eye-on) other than hydrogen and an anion other than OH<sup>-</sup> or O<sup>2-</sup>.  
b. That temperature at which the vapor pressure of a liquid equals the applied pressure.  
c. That form of energy which flows between two samples of matter because of their difference in temperature.

Answer: Salt

Answer: Boiling Point

Answer: Heat or Thermal

7. (30 Points) Albert Einstein did more than discover relativity in 1905. For 15 points each--what two-word name is given to the physical phenomenon which he first explained in a 1905 paper entitled:

- a. "On a Heuristic Viewpoint Concerning the Production and Transformation of Light"  
b. "On the Motion of Small Particles Suspended in a Stationary Liquid..."

Answer: Photoelectric Effect  
Answer: Brownian Motion

8. (20 Points) Consider the following set of integers: 6, 4, 22, 7, 31, 4, and 10. For 5 points apiece or 20 for all three:

- a. What is the mean?  
b. What is the median?  
c. What is the mode?

Answer: 12

Answer: 7

Answer: 4

9. (20 Points) Any quiz bowl team can name the four U.S. states with "New" in their names. For 5 points each--give me the name of these other "New" places.

- a. An Australian province  
b. A French territory in the South Pacific  
c. Robert Owen's utopian town in Indiana  
d. The name for Delaware from 1638 to 1655

Answer: New South Wales

Answer: New Caledonia

Answer: New Harmony

Answer: New Sweden

10. (30 Points) Sherlock Holmes appeared in 56 short stories and four novels. For 10 points apiece--name any three of these four Holmes novels.

Answer: The Sign of Four, The Valley of Fear, The Hound of the Baskervilles, and A Study in Scarlet

11. (20 Points) "People of the same trade seldom meet together, even for merriment and diversion, but the conversation ends in a conspiracy against the public, or in some contrivance to raise prices." For 10 points apiece:

a. What economist issued this 1776 declaration against monopolies?

Answer: Adam Smith

b. In what classic economic text did Adam Smith make this assertion?

Answer: An Inquiry Into the Nature and Causes of the Wealth of Nations

12. (20 Points) On December 12, 1987 its owners towed it out to New Zealand's Matari Bay and deliberately sank it to form an artificial reef. On July 10, 1985 French military saboteurs deliberately sank it in New Zealand's Auckland Harbour. For 10 points apiece:

a. Name this twice-sunk ship.

Answer: The Rainbow Warrior

b. What environmental group owned The Rainbow Warrior?

Answer: Greenpeace

13. (25 Points) Cheddar is an English variety of cheese. For 5 points apiece--what is the country of origin of these cheeses:

a. Gouda (GOO-da)

Answer: Holland or Netherlands

b. Feta (FEH-ta)

Answer: Greece

c. Brie (BREE)

Answer: France

d. Limburger

Answer: Belgium

e. Liederkranz

Answer: United States or USA

14. (20 Points) John Steinbeck's *The Grapes of Wrath* chronicles an Okie family fleeing Dust Bowl conditions during the Great Depression. The Dust Bowl centered on Oklahoma, from which the name "Okies" came, and four other states. For 5 points apiece--name these other states.

Answer: Colorado, Kansas, Texas, New Mexico

15. (30 Points) Thirty points are yours for naming this structure on the first clue; 20 on the second ; or 10 on the third.

a. Its cornerstone was laid in 1848, but it wasn't opened to the public until 1888.

b. Its interior contains 190 carved stones from various individuals, the 50 states, and foreign nations.

c. This obelisk was planned to be 600 feet high, but was reduced to 555 feet.

Answer: Washington Monument

16. (20 Points) Now there are thirteen cabinet departments; in 1789 there were only four. For 5 points each--name the four members of George Washington's original cabinet, but to receive any credit, you must also name the position each man held.

Answer: Thomas Jefferson/Secretary of State; Alexander Hamilton/Secretary of the Treasury;

Henry Knox /Secretary of War; Edmund Randolph/ Attorney General

17. (30 Points) Thirty points are yours for identifying this term after the first clue; 20 after the second; or 10 after the third.

a. It is a bowl-shaped vessel in which substances are ground.

b. It is a short-range cannon for throwing shells at high angles.

c. It is a mixture of lime, cement, sand, and water used as a bonding agent for bricks.

Answer: Mortar

18. (20 Points) The Greek god Cronos had the uniquely disgusting habit of devouring his children.

a. For 10 points apiece--which two of the following did not enjoy the dubious distinction of having Cronos for a father: Zeus, Apollo, Hades, Poseidon, Hestia, Demeter, Artemis, and Hera?

Answer: Apollo and Artemis

b. Apollo and Artemis were the children of Zeus, not Cronos. For 10 points--who was their mother?

Answer: Leto (or Latona)

19. (30 Points) Thirty points are yours for naming this scientist on the first clue; 20 on the second; or 10 on the third.

a. In 1951, he and his research team published seven bombshell papers which laid out the structures of hair, muscles, silk, horn, and similar proteins.

b. The basis of these protein structures was the alpha-helix model he developed.

c. Watson and Crick just beat him to the structure of DNA and so denied him a third Nobel Prize.

Answer: Linus Pauling

20. (30 Points) For 10 points apiece--what kind of North American bird includes these colorful species:

a. Ivory, Slaty-backed, Yellow-footed, White-headed, Common Black-headed, and White-winged?

Answer: Gull or Seagull

b. Ivory-billed, Brown-backed, Golden-fronted, White-headed, Red-bellied, and Red-headed?

Answer: Woodpecker

c. Lazuli, Snow, Painted, and Indigo?

Answer: Bunting