

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

Tossups
Round Ten

1. He always believed that he was Julius Caesar in a previous life and gloried in the death and violence of war. He was spared what he called "the horrors of peace" by dying in a jeep accident shortly after the end of World War II. For 10 points--identify this flamboyant American general, nicknamed "Blood and Guts."

Answer: George Patton

2. Deuteronomy 5: 6-18 basically repeats Exodus 20: 2-14. For 10 points--what do we commonly call these Biblical injunctions sometimes known as the Decalogue?

Answer: Ten Commandments

3. It forms the Burma-Laos border, then curves east and south to form part of the Laos-Thailand border. The city of Phnom Penh, Cambodia sits on its right bank. For 10 points--name this 2600-mile-long river of southeast Asia, the site of heavy fighting in the Vietnam War.

Answer: Mekong River

4. He entered the Augustinian monastery at Brunn, Austria in 1824 and was ordained a monk in 1847. He always wanted to be a teacher, but failed biology! In 1856 he turned his attention to the monastery garden. For 10 points--name this man whose *Experiments with Plant Hybrids* was rediscovered in 1900.

Answer: Gregor Mendel

5. It was discovered in 1846, which was a little less than one year ago in one of its years. For 10 points--name this planet which the Voyager space probe flew by in 1989.

Answer: Neptune

6. Tennessee and Missouri each border eight states--more than any other state. Only one U.S. state borders three Canadian provinces. For 10 points--name this neighbor of Alberta, Saskatchewan, and British Columbia.

Answer: Montana

7. The defeat of the Spanish Armada in 1588 forever ended Spain's plans to invade England. For 10 points--what naval battle of October 21, 1805 ended Napoleon's plans to invade England?

Answer: Trafalgar

8. It is the name of the lonely moorland home of the Earnshaws. It received its unusual name because of its desolate landscape. For 10 points--name this fictional estate, the title of an 1847 novel by Emily Brontë.

Answer: Wuthering Heights

9. This artist suffered two severe injuries as a child, which deformed his legs for life. In the 1890s he gained fame for his lithographs and posters, especially those of the Moulin Rouge nightclub in Paris. For 10 points--who was this Frenchman?

Answer: Henri de Toulouse-Lautrec

10. The Prime Meridian is at zero degrees longitude and the International Date Line roughly corresponds to 180 degrees. For 10 points--what name was given to the line 49 degrees west longitude according to the 1494 Treaty of Tordesillas, signed by Spain and Portugal?

Answer: Papal Line of Demarcation

11. Contemporary reports record that the emperor Montezuma drank some fifty pitchers of this beverage every day, and it remained an exotic and expensive drink for centuries until 1876 when a Swiss inventor first combined it with milk solids to form an edible snack. For 10 points--what is this most popular of confections?

Answer: Chocolate

12. It is the topological space obtained by the revolution of a circle about an exterior line lying in its plane. For 10 points--give the more exact synonym for "doughnut-shaped."

Answer: Torus

13. It is nearly as deadly as AIDS, is nearly as untreatable now, and strikes far more people every year--about 250 million last year. It is untreatable because it has recently become resistant to the old cure of Chloroquine. For 10 points--what is this widespread tropical disease?

Answer: Malaria

14. The first was launched on July 2, 1900 and achieved a top speed of twenty miles per hour. The most famous one was 804 feet long with a top speed of eighty-five miles per hour. During World War I the Germans used them to bomb enemy positions. For 10 points--identify these rigid airships named for their German inventor.

Answer: Zeppelins (prompt for more specific on "Dirigible")

15. The name's the same: the fictional English county created by Thomas Hardy, and the Anglo-Saxon kingdom headed by Alfred the Great. For 10 points--what?

Answer: Wessex

16. He refused to run for president in 1988 but came up with an innovative way to choose among the candidates: do away with all the expensive campaigns and voting and stuff and just let all the hopefuls "take jump shots from the top of the key." For 10 points--name this Democratic senator from New Jersey who would surely win in such a contest.

Answer: Bill Bradley

17. Under the less-than-subtle headline "Noisy Reactionary Propaganda About a Literary Weed," Pravda panned this novel as a "political lampoon about a moral freak" that had nothing in common with literature. Nevertheless, the work won its author the 1958 Nobel Prize for literature. For 10 points--name this novel by Boris Pasternak.

Answer: Dr. Zhivago

18. In human beings, the smallest is glycine, while two of the largest ones are lysine and tryptophan. For 10 points--what are these essential types of organic acids?

Answer: Amino Acids

19. It has more recently been defined as a science of single instances and, hence, utterly useless in predicting the future. The classic put-down, however, is that it is the "dismal science." For 10 points--what is this not-so-exact social science practiced by Milton Friedman and John Kenneth Galbraith?

Answer: Economics

20. The Devil's Den, the Wheat Field, the Peach Orchard, Round Top, Little Round Top, Seminary Hill, Cemetery Hill, and Cemetery Ridge were, for 10 points, the prominent strategic features in what July 1863 Civil War battle?

Answer: Gettysburg

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Bonuses--Round Ten

1. (30 Points) Eleven chemical elements have single-letter symbols--including four vowels. For 5 points apiece (or 30 points for all four) name the four elements with single-vowel symbols.

Answer: Oxygen, Iodine, Uranium, Yttrium

2. (25 Points) Thomas Jefferson lived at Monticello. For 5 points each--which U.S. presidents had the following residences:

a. Montpelier

Answer: James Madison

b. Sagamore Hill

Answer: Theodore Roosevelt

c. The Hermitage

Answer: Andrew Jackson

d. Hyde Park

Answer: Franklin Roosevelt or FDR

e. Wheatland

Answer: James Buchanan

3. (20 Points) Chaucer's *Canterbury Tales* were told by a variety of fictional--but utterly believable--characters. For 10 points apiece--of the following seven characters, which two did not contribute any of these tales: the archbishop, the parson, the prioress, the abbot, the friar, the abbess, or the nun's priest?

Answer: Archbishop and Abbess

4. (20 Points) Is there a doctor in the house? I'll provide the symptoms and, for 5 points each, you tell me which vitamin, A through K, will help cure you:

a. Night Blindness

Answer: Vitamin A

b. Weak Bones

Answer: Vitamin D

c. Poor Blood Clotting

Answer: Vitamin K

d. Pernicious Anemia

Answer: Vitamin B12

5. (20 Points) 1987 was the bicentennial of the U.S. Constitution. It was also the sesquicentennial of a major U.S. city and a famous New York diamond company. For 10 points each--identify:

a. This 150-year-old city now gearing up for the 1988 Democratic convention.

Answer: Atlanta, Georgia

b. This 150-year-old company associated with the fictional Holly Golightly.

Answer: Tiffany's

6. (30 Points) Many years after the Declaration of Independence, another Declaration declared that "all men and women are created equal...." For 10 points apiece:

a. Name this Declaration

Answer: Declaration of Sentiments

b. Name the New York convention at which the Declaration of Sentiments was issued.

Answer: Seneca Falls Convention

c. Finally, within ten years, when was the Seneca Falls Convention held?

Answer: 1848 (accept 1838-1858)

7. (20 Points) In Greek mythology, five rivers flowed through Hades. For 10 points each:

a. According to the Bible, where did the rivers Pishor, Gihon, Tigris, and Euphrates flow?

Answer: Eden

b. In what non-Eden-like modern-day country are these rivers all located?

Answer: Iraq

8. (30 Points) Ignorance of the laws is no excuse... the laws of chemistry that is. For 10 points each--name the laws defined as follows:

a. When two elements A and B form two compounds, the relative amounts of B which combine with a fixed amount of A are in a ratio of small integers,

Answer: Law of Multiple Proportions

b. The heat capacity of one gram atomic weight of any metal is about 6 calories/degrees Celsius.

Answer: Law of Dulong and Petit

c. $PV = nRT$

Answer: Ideal Gas Law

9. (30 Points) Every biology student knows about mitosis. But how about meiosis? For 10 points each--answer these questions about it.

a. How many daughter cells are produced by each cell which undergoes meiosis?

Ans: Four

b. What term identifies the presence of half the original number of chromosomes?

Ans: Haploid

c. Reproductive cells are called spores in plants. What general name are they given in animals?

Ans: Gametes

10. (30 Points) For 10 points each--identify these sci-fi masters from a list of their Hugo Award-winning novels:

a. *The Gods Themselves* and *Foundation's Edge*

Answer: Isaac Asimov

b. *Starship Troopers*, *The Moon Is a Harsh Mistress*, and *Stranger in a Strange Land*

Answer: Robert A. Heinlein

c. *The Dispossessed* and *The Left Hand of Darkness*

Answer: Ursula K. LeGuin

11. (30 Points) Thirty points are yours for identifying this important piece of writing after the first clue; 20 points after the second; or 10 points after the third.

- It is carved on a six-foot-high slab of black diorite now in the Louvre museum.
- It has been dated to about 1700 BC and is written in an Akkadian language.
- It is a complete list of laws.

Answer: Code of Hammurabi

12. (20 Points) Last November 5th saw record high temperatures in the eastern U.S. and a full moon. For 10 points each--what popular name is given to:

- Such a hot spell late in fall after the first frost?
- The first full moon of November?

Answer: Indian Summer

Answer: Hunter's Moon

13. (30 Points) Despite its name, World War II was fought mostly on three continents. I'll give a date and a region, you tell me the battle, considered a turning point of the war:

- June 3-6, 1942 in the Pacific
- October 23 to November 4, 1942 in North Africa
- November 19, 1942 to February 2, 1943 in Eastern Europe

Answer: Midway

Answer: El-Alamein

Answer: Stalingrad

14. (20 Points) The International System of Units was adopted by the 11th General Conference of Weights and Measures in 1960. Three of its seven units are the meter, the kilogram, and the second. For 5 points apiece--identify the unit for:

- Temperature
- Amount of Substance
- Electric Current
- Luminous Intensity

Answer: Degree Kelvin

Answer: Mole

Answer: Ampere

Answer: Candela

15. (20 Points) "Meso" is a Greek root meaning "middle." For 5 points each--identify these "meso" words:

- The middle of three germ layers of an embryo.
- An extinct genus of horse.
- A region of ancient Iraq.
- The span of geologic time that began about 225 million years ago.

Answer: Mesoderm

Answer: Mesohippus

Answer: Mesopotamia

Answer: Mesozoic Era

16. (30 Points) Admah, Zeboiim, and Zoar were, according to the Book of Genesis, three of the five "cities of the plain."

- For 10 points apiece--name the two remaining and even more notorious "cities of the plain."

Answer: Sodom and Gomorrah

- Who was turned into a pillar of salt when she looked back at the destruction of Sodom and Gomorrah?

Answer: Lot's Wife

17. (25 Points) A scalar is a physical quantity that is completely described by its magnitude while a vector is determined by both its magnitude and its direction. OK, you guessed it; are each of the following classified as scalars or vectors, for 5 points apiece:

- Density
- Velocity
- Force
- Mass
- Time

Answer: Scalar

Answer: Vector

Answer: Vector

Answer: Scalar

Answer: Scalar

18. (20 Points) All of South America is both south and east of Cleveland, Ohio. For 5 points apiece:

- Is Tahiti east or west of Hawaii?
- Is Vladivostok north or south of Venice?
- Is Lhasa, Tibet north or south of Jacksonville, Florida?
- Is Reno, Nevada east or west of Los Angeles, California?

Answer: East

Answer: South

Answer: South

Answer: West

19. (20 Points) If a five-year-old kid should become a quiz bowl star, that little kid would be called many things including two words derived from the Latin for "prematurely cooked" and "a foretelling." For 10 points each--give me these two words, both of which begin with the letter P.

Answer: Precocious and Prodigy

20. (30 points) In mythology, groups of three are very important. Though the individuals' names are often forgotten, the group name survives. For ten points each, I'll name the individuals of a group, you provide their collective name.

- Tisiphone, Megaera, Alecto
- Urd, Vertrandi, Skuld
- Clotho, Lachesis, Atropos

Answer: the Furies

Answer: the Norns

Answer: the Fates