

1994 ILLINOIS DR. SEUSS MEMORIAL
"CINDY LOU WHO" TOURNAMENT
NOVEMBER 18-19, 1994

TV 11/95

ROUND 5
GEORGIA TECH
TOSSUPS

1. It was based on a legend its composer found in Heinrich Heine's "Memoirs of Herr von Schanbelwopski" in 1833. First performed in Dresden in 1843, it is a three act opera that tells the story of a man doomed to wander the seas eternally in his ship. For 10 points, what is this Wagner classic that ends with the cursed captain being redeemed by a woman's love.

The Flying Dutchman

2. The books of Exodus through Deuteronomy are the only available sources for details about his life. According to this account, he grew up at the pharaoh's court, but was forced to flee to Midian after killing an Egyptian whom he had seen strike an Israelite. For 10 points, identify this brother of Aaron who led the Israelites from their captivity in Egypt.

Moses

3. Its first victim was the Cumberland and the next the Congress. The next day as it advanced on the Minnesota it was met by another of its kind which had been designed by John Ericson. For 10 points, identify this Confederate vessel that lost the battle of Hampton Roads to the Monitor.

CSS Merrimack or USS Virginia

4. His early poems are influenced by the metaphysical fashion of the day, but a characteristic neoclassicism is already evident in his powerful pastoral elegy, Lycidas. For 10 points, identify this 17th century British poet best known for his epic "Paradise Lost".

John Milton

5. It can be applied to properties other than mass; for example, it can also refer to the ratio of electric charge to volume. For 10 points, what is this term that normally denotes the ratio of mass to volume for a given material or object?

density

6. The word derives from the Greek roots for "with each other" and "speak". For 10 points, what is this word that in modern usage refers to a regional variety of language, distinguished by features of vocabulary, grammar and pronunciation from other versions of the same language in different locations.

dialect

7. Located at the confluence of the Hudson River and the New York State Barge Canal, it is a U.S. port of entry and the seat of the county with the same name. Located at the eastern terminus of the Erie canal it serves as an important port connecting the Great Lakes to Atlantic shipping. For 10 points, identify this city, the capital of New York State.

Albany

8. It created a "Civil Body Politic" to enact "just and equal Laws, Ordinances, Acts, Constitutions, and Offices". It had to be signed by every adult male before going ashore at the Plymouth colony. For 10 points, what was this first written framework of government in the U.S., named for the ship on which it was signed in 1620?

Mayflower Compact

9. When the mythological ruler Peleus had to flee Iolcus because of unwanted advances by a married woman, Hera arranged for him to marry Thetis. Their son became one of the most famous heroes of Greek mythology. For 10 points, identify this hero who was undone in the Trojan War by his vulnerable heel.

Achilles

10. It was originally called baggataway by its inventors. Its rules were revised and its name changed by French and English colonists because the curved end of the stick resembled a bishop's staff or crosier. In 1867, it became the national sport of Canada. FTP, name this sport in which the ball is played with a stick with a pocket-like head.

lacrosse

11. The literary name's the same: a late 14th century British poet of Sir Gawain and the Green Knight, a 1947 novelette by John Steinbeck centered on Kino and Juana, and the illegitimate child of Arthur Dimmesdale and Hester Prynne in The Scarlet Letter. For 10 points, what is the common name?

Pearl

12. It takes its name from the city in which its constitution of 1919 was drawn up and was then overthrown by the National Socialists in 1933. For 10 points, what is this popular name for the German Republic established at the end of World War I.

Weimar Republic

13. They are variously classified with the algae or protists and are a major constituent of marine plankton. Over millions of years their siliceous skeletons have formed deposits on the sea bed which are excavated as diatomaceous earth. For 10 points, what are these single celled photosynthetic fresh and saltwater algae?

diatoms

14. They came to be venerably regarded as descendants of transcendentalism as they distrusted machines and had strong faith in the individual. Members of the movement include Gregory Corso, Gary Snyder, Lawrence Ferlinghetti, Jack Kerouac, and Allen Ginsberg. For 10 points, what is influential group of American writers and poets in the 1950's.

beat generation or movement etc...

15. Early in their history, two distinct orders evolved, saurischia and ornithischia. They ranged in size from small forms no larger than a domestic chicken to weighing over 30 tons. For 10 points, identify these extinct reptiles that mysteriously disappeared about 65 million years ago.

dinosaurs

16. As a boy his talent was recognized by his art teacher father, a professor at the Academy of Fine Arts in Barcelona. In 1917 he went to Rome and designed costumes for Serghei Diaghilev's ballet, work which stimulated his "classic" period. This husband of Jaqueline Roque along with Georges Braque and Juan Gris founded the cubist movement. FTP, who is this artist of "The Old Guitarist" and "Guernica"?

Pablo Picasso

17. The general characteristics of this phenomenon were first characterized by Nobel Laureate Konrad Lorenz in studies of birds. For 10 points, what is this term that refers to the tendency of animals to attach themselves to the first moving object they see after birth, which they henceforth regard as their mother"?

imprinting

18. The brain uses this slight difference in eye perception to produce a stereoscopic effect. Should the length and direction of the lines between two points of observation be known, it may be used to calculate the distance to the object. For 10 points, what is this term that refers to the difference in observed direction of an object due to a difference in position of the observer.

parallax

19. "With Rue My Heart is Laden", "Loveliest of Trees", "When I was One and Twenty", and "A Shropshire Lad" are all poems by a 19th century British author who failed out of Oxford, yet managed to become a leading classicist of his time. For 10 points, identify this author of "To an Athlete Dying Young".

A.E. Housman

20. Between 1934 and 1961, as an attorney for the NAACP, he traveled throughout the United States representing all manner of clients. He argued thirty two cases before the Supreme Court and won twenty nine of them - including Brown vs. Board of Education. For 10 points, identify this man who in 1967 became the first black appointed to the Supreme Court.

Thurgood Marshall

21. Painted in the early 1500's, the artist included portraits of himself and Michelangelo among the philosophers pictured. For 10 points, what is this fresco by Raphael that depicts a gathering of ancient Greek thinkers.

The School of Athens

22. After moving to America he served as chief of the US guided missile development section and worked on project Mercury. While living in Germany he developed the V-2 rocket. For 10 points, identify this famous rocket scientist.

Werner Von Braun

23. He served under Winfield Scott in the Mexican War and from 1852 to 1855 was superintendent of West Point. In 1859, he led a detachment of marines to capture John Brown following his raid on Harper's Ferry. For 10 points, identify this man who on June 1, 1862 assumed his most famous role as the Confederate commander of the Army of Northern Virginia.

Robert E. Lee

24. Some seventy rivers pour icy water into this lake near the Finnish border. It has an area of 7000 square miles, making it about the size of Lake Ontario. For 10 points, identify this largest freshwater lake in Europe.

Lake Ladoga

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BONUSES

1. For 10 points each, name the Dickens novel which contains the following characters.
 1. Lucie Manette, Sydney Carton
A Tale of Two Cities ✓
 2. Bill Sikes, Jack Dawkins
Oliver Twist ✓
 3. Mulberry Hawk, Madeline Bray, Smike
Nicholas Nickleby ✗
2. 30-20-10-5: Identify the president given clues.
 - 30: His secretary of the Treasury, Carter Glass, is regarded as the father of the Federal Reserve.
 - 20: Robert Lansing was his second Secretary of State.
 - 10: His original Secretary of State was William Jennings Bryan.
 - 5: Helped to found the League of Nations, part of his 14 points.
Woodrow Wilson
3. Identify the following terms from chemistry for 10 points each.
 1. What is the term for the energy needed to remove an electron from a gaseous atom?
ionization energy ✓
 2. What term describes the energy change that accompanies the addition of an electron to a gaseous atom?
electron affinity ✓
 3. What is the term for the tendency for an atom to attract electrons to itself when it is chemically combined with another element?
electronegativity ✓
4. For 10 points apiece, identify the English artists of the following.
 - a) Burning of the Houses of Parliament J M W Turner ✓
 - b) The Hay Wain John Constable ✓
 - c) The Rake's Progress William Hogarth ✓
5. Name the highest peak in each of the following continents (10 pts each).
 - a) North America Mt. McKinley ✓
 - b) South America Mt. Aconcagua ✓
 - c) Antarctica Vinson Massif
6. Pencil and paper ready. Given the points: (0,0) (6,6) (2,6) (8,0).
 - a) For 5 points, what specific shape is formed by these points?
trapezoid
 - b) For 10 points, what is the area of the trapezoid?
12
3. For 15 points, what is the perimeter of the trapezoid? Express your answer in simplest radical form.
 $12 + 4 \text{ times the square root of } 10$

7. Give the years of the following events in the Vietnam War. 10 points for exact year; 5 points for being within 1.

- a) First US ground combat troops introduced. 1965 ✓
- b) Tet Offensive Launched 1968 ✓
- c) Fall of Saigon 1975

8. 30-20-10. Identify the American novel.

30: It is set on the imaginary island of Pianosa during World War 2.

20: Characters include Milo Minderbinder, Clevinger, & Doc Daneeka.

10: Its author is Joseph Heller.

Catch-22

9. Answer the following astronomy questions for the stated number of points.

a) For 5 points each, what are the names of the two moons of Mars?

Phobos and Deimos

b) For 10 points, what is the name of the comet discovered in March 1973 by a Czechoslovakian astronomer?

Kahoutek

c) For 10 points, what moon of Jupiter is the most volcanically active body in the solar system?

Io

10. For 10 points each, answer the following questions about Rome before the Empire.

a) What year is the date of the legendary founding of Rome?

753 B.C. ✓

2. For 10 points each, what two men joined with Julius Caesar in forming the First Triumvirate in 60 B.C.?

Marcus Crassus, Pompey

11. Answer the following questions about blood clotting for 10 points each.

a) What is the term for the clumping or sticking together of blood cells when surface antigens on them interact with antibodies?

agglutination ×

b) Also known as clotting, it is the conversion of a liquid into a jelly-like solid state by chemical reaction. What is it?

coagulation ✓

c) What enzyme, during blood clotting, converts the soluble blood protein fibrinogen into insoluble fibrin?

thrombin ×

12. Give the English author who penned the following famous lines (10 points each).

a) "Where ignorant armies clash by night"

Matthew Arnold ✓

b) "That's my last duchess painted on the wall, / Looking as if she were alive"

Robert Browning ✓

c) "a young healthy child well nursed is at a year old a most delicious, nourishing, and wholesome food, whether stewed, roasted, baked, or broiled"

Jonathan Swift ✓

13. Give the name for the following phobias for 5 points each.

- | | | |
|---------------------------------|--------------------|---|
| a) fear of heights | <u>acrophobia</u> | ✓ |
| b) fear of open spaces | <u>agoraphobia</u> | ✓ |
| c) fear of blood | <u>hemophobia</u> | ✓ |
| d) fear of fire | <u>pyrophobia</u> | ✓ |
| e) fear of the unknown | <u>xenophobia</u> | × |
| f) fear of thunder or lightning | <u>astraphobia</u> | × |

14. Answer the following questions about 16th century Spain. 10 points each.

- | | | |
|--|---|---|
| a) What monarch sent the Grand Armada against the English? | <u>Philip II</u> | ✓ |
| b) What Holy Roman Emperor was Philip's father? | <u>Charles I of Spain</u> or <u>Charles V</u> | ✓ |
| c) To what dynasty did both belong? | <u>Hapsburgs</u> | ✓ |

15. Identify the American authors from works on a 10-5 basis.

- | | |
|---|--------------------------|
| a) 10: Mantrap & The Prodigal Parents | |
| 5: It Can't Happen Here & Arrowsmith | ✓ |
| | <u>Sinclair Lewis</u> |
| b) 10: The Black Riders, The Third Violet, & The Blue Hotel | |
| 5: The Bride Comes to Yellow Sky & The Red Badge of Courage | ✓ |
| | <u>Stephen Crane</u> |
| c) 10: Flower Fables & Hospital Sketches | |
| 5: Little Women | |
| | <u>Louisa May Alcott</u> |

16. Identify the composers of the following operas for 5 points apiece.

- | | | |
|--------------------------------|------------------------|---|
| a) The Flying Dutchman | <u>Richard Wagner</u> | ✓ |
| b) Faust | <u>Charles Gounod</u> | ✓ |
| c) Carmen | <u>Georges Bizet</u> | ✓ |
| d) Don Giovanni | <u>Wolfgang Mozart</u> | ✓ |
| e) Salome | <u>Richard Strauss</u> | ✓ |
| f) The Girl of the Golden West | <u>Giacomo Puccini</u> | × |

17. 30-20-10 Identify this British novel.

30: H. Rider Haggard's novel "King Solomon's Mines" was inspired by this children's adventure classic.

20: The novel's lesser known characters include Squire Trelawney, Dr Livesey, and Captain

10: The story is told by Jim Hawkins who meets such characters as the one-legged pirate Long John Silver.

Treasure Island

18. Answer the following questions about elastic solids for 15 points each.

a) What term is applied to the limit of force below which a solid will under stress will return to its original shape and above which it will stay permanently deformed?

elastic limit

b) What term is applied to those forces within a body under stress that attempt to return the body to its previous shape?

restoring forces

19. For 10 points each, give the reputed author of the following books of the bible.

- a) Lamentations Jeremiah
- b) Proverbs Solomon
- c) Acts Luke

20. Answer the following questions about the properties of liquids for 15 points each.

a) What term is applied to the property of a liquid whereby it behaves as if it is covered by a thin, elastic skin?

surface tension

b) What term is applied to the curved surface, either convex or concave, that is formed on the surface of a liquid in a tube?

meniscus

21. Identify the philosopher from works, 30-20-10.

30: Twilight of the Idols & The Gay Science

20: The Birth of Tragedy & Ecce Homo

10: Thus Spake Zarathustra & Beyond Good and Evil

Friedrich Nietzsche

22. Name the author from clues 30-20-10.

30: He lost the use of his left hand at the battle of Lepanto and was a slave in Algeria for 5 years.

20: Born in Spain in 1547, he wrote works as La Galatea, El trato de Argel, and La Numancia.

10: His most famous work is Don Quixote.

Miguel de Cervantes