

9.15.97

Questions for the 1991 Sunshine State Invitational
Questions written by the University of Tennessee - Team #2
Tossups

1. His law of cooling states that the rate of cooling of a body is proportional to the differences in temperature between the body and its surroundings. His "rings" are due to the interference of light reflected between convex and planar glass surfaces. He developed a method of successively approximating the roots of an equation using slopes, and discovered the dispersion of light by a prism. For 10 points, name the physicist who discovered these things as well as his three laws of motion.

ANS. Sir Isaac Newton

2. In 1970 Lowell George wanted to record a song he had written called "Willin'" with the Mothers of Invention, of whom he was a member. Frank Zappa told George if he wanted to record that song, he would have to create his own band; so he did. For 10 points, what was the band formed by Lowell George which went on to record such albums as Sailin' Shoes, Dixie Chicken, and Time Loves a Hero?

ANS. Little Feat

3. British Columbia has one. Manitoba has one. Montana, South Dakota, Utah, and New York each have one. However, the most famous one is Tchaikovsky's. For 10 points what is this common body of water, or ballet, if you prefer?

ANS. Swan Lake

4. Recently, a boxed collection containing every known recording by this late guitarist was issued by Columbia Records. Before this man's death in 1938, rumored to be at the hands of a lover's husband, he recorded songs such as "Crossroads." Who, for 10 points, was this blues artist whose works were made famous by such performers as Keith Richards and Eric Clapton?

ANS. Robert Johnson

5. Founded by Ieyasu (PR: eea-yasoo), this regime was a centralized feudalism in which members of the shogunate ruled directly about one fourth of the country. The daimyo, or barons, owed allegiance to the family, but were permitted to rule their own domains. For 10 points, identify this shogunate which ruled Japan from 1603-1867.

ANS. Tokugawa

6. In literature, it is simply La Peste; however, biologists know it better from its causative bacterium *Pasteurella pestis*. It is a condition with fever, vomiting, headaches, and swollen lymph nodes. Treated with antibiotics, this disease can be transmitted by rat fleas to man. For 10 points, what is this disease which ravaged Europe in the 14th and 15th centuries?

ANS. the Bubonic Plague or Black Death or Black Plague

7. It is he who utters these famous lines from Richard II, "this scepter'd isle...This blessed plot, this earth, this realm, this England." The fourth son of Edward III and father of Henry Bolingbroke (later Henry IV), he was founder of the House of Lancaster. For 10 points, name this brother of Edward the Black Prince.

ANS. John of Gaunt

8. This American biblical scholar graduated from Columbia in 1798 and compiled a Greek and Hebrew lexicon which was published in 1809. It therefore disgusted him that the only writing he was ever popularly known for was a rhyme which he wrote for his children, first published in 1823. For 10 points, what was this author of "A Visit from St. Nicholas."

ANS. Clement Moore

9. It is commonly believed that Sir Arthur Conan Doyle may have been responsible for the creation of "Eoanthropus dawsoni," a fossil with a modern human skull and an apelike lower jaw. Later discovered to be a forgery, Eoanthropus was considered by many English scientists to be irrefutable proof of "the missing link." By what common name, for 10 points, do we now know this hoax?

ANS. Piltdown man or caper or hoax

10. Paleolithic cave paintings are discovered at Lascaux in southwest France; the Tacoma Narrows Bridge collapses; William Saroyan wins the Pulitzer Prize for Drama for The Time of Your Life; the U.S. and Britain conclude a Destroyers-for-Bases deal; Germany occupies Denmark and Norway; Congress enacts a peacetime draft; and FDR is elected for an unprecedented third term. In what year, for 10 points, did all these events occur?

ANS. 1940

11. The models for this painting were the painter's sister, Nan, and the family dentist, Dr. Byron H. McKeeby. The painting won a bronze medal and a \$300 prize from the Art Institute of Chicago in 1930. The artist intended to portray a farmer and his daughter, but people often assume it depicts a man and wife. For 10 points, name this classic work created by Grant Wood.

ANS. American Gothic

12. (Two answers required) In 1817 their bodies were reburied in one grave. She was niece of the Canon Fulbert of Notre Dame Cathedral, he was her tutor. Together they produced a son they named Astrolabe. Soon after his birth they married, but her father found out and had him emasculated. For 10 points, name this couple whose romance has become legendary.

ANS. Pierre Abelard and Heloise

13. Galilean transformations are used to relate values of position and velocity between two slowly moving reference frames. However, when the frames are moving with relative velocities close to the speed of light, Galilean transformations no longer hold. The correct transformations between these reference frames show such odd characteristics as length contraction and time dilation. For 10 points, name this type of transformation, the basis of Einstein's Special Theory of Relativity.

ANS. Lorentz Transformations

14. He is the only U.S. president never elected to any office, including the presidency. Born a preacher's son in Fairfield, Vermont, he was appointed by Ulysses S. Grant to be collector of the port of New York in 1871. As president, he signed the Pendleton Civil Service Reform Act in 1883. For 10 points, name this Republican president who succeeded to the office upon the death of Garfield.

ANS. Chester A. Arthur

15. Shakespeare was a cast member in this 1598 play which concerns the efforts of Young Kno'well and Wellbred to escape or contain the displeasure of their father and brother-in-law respectively. Other characters include Captain Bobadil, Downright, Kiteley, Brainworm, and Stephen. For 10 points, name this play by Ben Jonson.

ANS. Every Man in His Humour

16. A colorless, flammable liquid, it is used in making synthetic resins, fillers, and smokeless powders; however, it is most commonly used as a solvent for many organic substances and as a component of most paint. For 10 points, what is this ketone with the chemical formula CH_3COCH_3 , which one might use to remove fingernail polish?

ANS. Acetone

17. He made an auspicious debut as a film director with Edge of the City, and became noteworthy for his adaptation of Faulkner in the 1958 film The Long Hot Summer. Other films directed by him include Hombre, Hud, The Spy Who Came in From the Cold, and Norma Rae. For 10 points, name this recently deceased director.

ANS. Martin Ritt

18. He was father of the "hundred-handed" giants Cottus, Briareus, and Gyes. The son and husband of Ge, he was also father of the titans and the Cyclopes; but not a good father because he confined his children in the depths of the earth. His son Cronus, with the help of Ge, castrated him and took his place. For 10 points, name this ancient Greek personification of Heaven.

ANS. Uranus

19. He spent his whole life in his native town of Naishapur, where he studied under the celebrated teacher the Imam Mowaffak. Granted a pension by the Vizier Nizam ul Mulk, he was one of a commission of eight appointed by Malik Shah to revise the calendar. He was also the author of astronomical tables and a book on algebra. For 10 points, name this Persian astronomer and poet noted for his celebrated collection of quatrains, the Rubaiyat.

ANS. Omar Khayyam

20. Thirty years ago he shipped out of South Africa to establish an overseas network of the African National Congress just before the underground movement was crushed at home. President of the ANC since 1967, this leader recently returned to South Africa and gave the opening address at the first ANC conference held inside South Africa in three decades. For 10 points, name him.

ANS. Oliver Tambo

21. Born in 1855, this man polled 5 million votes as the Progressive Party candidate in 1924 before his death the following year. For 10 points name this U.S. Senator and governor who founded the reform legislation known as the Wisconsin Idea.

ANS. Robert M. LaFollette

22. This American choreographer and dancer made his musical comedy debut in 1937, joined Ballet Theatre in 1940, and designed Fancy Free in 1944, which later went to Broadway as On the Town. for 10 points, who was this choreographer of The King and I and director of Peter Pan and West Side Story?

ANS. Jerome Robbins

23. This type of dating, used only for bones, exposed the piltdown skull as a hoax in the early 1950's. It uses the amount of its namesake element to determine various and relative ages for bones. For 10 points, what is this process based on element number 9?

ANS. Fluorine Analysis or dating

24. This novel centers on Thomas Sutpen, the son of a West Virginia poor white man, and his attempts to fulfill his "grand design" to be accepted as a Southern aristocrat and founder of a wealthy family. His saga comes to an end in 1910 when an idiot African-American, Sutpen's only living descendent, is left howling in the ashes of the burned house. For 10 points what is this 1936 novel by William Faulkner?

ANS. Absalom, Absalom

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Bonuses

1. (25 PTS.) As head of a coalition government of Communists and Social Democrats, he raised an army and overran Slovakia in 1919. According to rumor, this Hungarian died in a Russian prison after being defeated by the Rumanian army. For 25 points, who was this Communist leader?

ANS. Bela Kun

2. (30 PTS.) The first moon discovered in our solar system was, not surprisingly, the Earth's moon. Answer these questions about other moons.
- a. For 5 pts each, name the four largest moons of Jupiter.
ANS. Io, Europa, Ganymede, Callisto
- b. For 5 points, name BOTH moons around Mars.
ANS. Phobos and Deimos
- c. For 5 points, name the moon of Pluto, almost half as wide as Pluto itself.
ANS. Charon

3. (25 PTS.) Given a Biblical quote, identify the book from which it is taken, 5 points each.
- a. "It is better to hear the rebuke of the wise, than for a man to hear the song of fools."
ANS. Ecclesiastes
- b. "Eye for eye, tooth for tooth, hand for hand, foot for foot."
ANS. Exodus
- c. "This is the disciple which testifieth of these things, and wrote these things."
ANS. John
- d. "And Jacob begat Joseph the husband of Mary, of whom was born Jesus."
ANS. Matthew
- e. "Be not thou envious against evil men, neither desire to be with them."
ANS. Proverbs

4. (25 PTS.) For 5 points each, answer these questions about women novelists who led a lesbian lifestyle. Your clues will be novels that wrote.
- a. That Autobiography of Alice B. Toklas and Q.E.D.
ANS. Gertrude Stein
- b. The Charioteer and The Last of the Wine
ANS. Mary Renault
- c. Memoirs of Hadrian
ANS. Marguerite Yourcenar
- d. Death Comes for the Archbishop and My Antonia
ANS. Willa Cather
- e. Rubyfruit Jungle and A Sudden Death
ANS. Rita Mae Brown

5. (30 PTS.) Identify the following surrealist artists from a list of their works, 10 points each.
- Europe After the Rain, Mandus Est Fabula, Soliliquy*
ANS. Max Ernst
 - Person Throwing a Stone at a Bird, The Poetess, Dog Barking at the Moon*
ANS. Joan Miro
 - Illumines Pleasures, Gala and the Angelus of Millet Immediately Preceding the Arrival of the Comic Anamorphses*
ANS. Salvador Dali
6. (30 PTS.) The Department of Defense was created in 1947. For 10 points each, identify these former Defense Secretaries.
- The first Secretary of Defense, illness forced his resignation, and he later committed suicide.
ANS. James Forrestal
 - President of Ford Motor Company from 1960-61, he was tapped by John Kennedy to serve as Defense Secretary, a post he would hold into the Johnson administration.
ANS. Robert S. McNamara
 - A special advisor to Harry Truman, he was influential in the formulation of the Truman Doctrine and the creation of the Defense Department. He would, however, not serve as Defense Secretary until the last year of the Johnson administration.
ANS. Clark Clifford
7. (30 PTS.) Given a well known underground comic character or group of characters, name their creator, 10 points each.
- The Fabulous Furry Freak Brothers
ANS. Gilbert Shelton
 - Fritz the Cat
ANS. Robert Crumb
 - Zippy the Pin Head
ANS. Bill Griffith
8. (25 PTS.) We all must keep updated on the affairs of one of the most important U.S. political figures--The First Dog, Millie. Recently, she was a bit under the weather with a chronic inflammatory disease which attacks body tissues. Although this disease can become quite severe causing scarring of the skin and attacking connective tissues, the heart, and kidneys, we are all happy to know that Millie's steroid treatments are working. For 25 points, what is this disease which can take on two forms: vulgaris and erythematosus?

ANS. Lysus

9. (30 PTS.) In these troubled times with war possibly going on in the Middle East, it seems appropriate to reflect upon the words of this poem and remember the message its author revealed about war. Identify the title of the poem and its author from a quotation, 15 points each. Note that the quotation ends just prior to the line which contains the poems title.
- "If in some smothering dreams, you too could pace
Behind the wagon that we flung him in,
And watch the white eyes writhing in his face,
His hanging face, like a devil's sick of sin,
If you could hear, at every jolt, the blood
Come gargling from the froth-corrupted lungs
Bitter as the cud
Of vile, incurable sores on innocent tongues,-
My friend, you would not tell with such high zest
To children ardent for some desperate glory,
The old lie:

ANS. Dulce et decorum est by Wilfred Owen

READER'S NOTE: The title is taken from Horace's line "Dulce et decorum est Pro patria mori," which translates: "It is sweet and becoming to die for one's country."

10. (25 PTS.) Literally a companion or comrade, in ancient Greece they were courtesans of the better class. Some were freed women or even women of free birth. The two most famous ones were Lais and Phryne. For 25 points, by what name were these courtesans known?

ANS. Hetaera

11. (30 PTS.) Identify the following existential-humanistic psychologists from clues to their identify, 10 points each.
- a. His experiences in concentration camps in the Second World War led him to come up with the concept of logotherapy. His best known work is Man's Search for Meaning. ANS. Victor Frankl
- b. Born in Oak Park, Illinois, his client-centered therapy stressed a non-interventionist approach by the therapist and focused on unconditional positive regard. ANS. Carl Rogers
- c. This Austrian psychologist explores the nature of societal change in The Sane Society and the nature of love and relationships in The Art of Loving.

ANS. Eric Fromm

12. (20 PTS.) Identify the following people from Greek mythology all of whose names begin with the letter "I." 10 points each.
- a. It was the name given to the rainbow as personified, and considered a goddess. ANS. Iris
- b. She was the younger daughter of Oedipus and Jocasta and the younger sister of Antigone. ANS. Ismene

17. (25 PTS.) Given a genus and species and the classification of each as either plant or animal, give the common name, 5 pts. each.
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|----|--|------------------------|
| a. | Animal, <u>Ailuropoda melanoleuca</u> | ANS. <u>Panda</u> |
| b. | Plant, <u>Taraxcum officinale</u> | ANS. <u>Dandelion</u> |
| c. | Plant, <u>Rhus toxicodendron</u> | ANS. <u>Poison Ivy</u> |
| d. | Animal, <u>Drosophila melanogaster</u> | ANS. <u>Fruit Fly</u> |
| e. | Animal, <u>Panthera Onca</u> | ANS. <u>Jaguar</u> |

18. (30 PTS.) Identify this composer, 30-20-10.
- In 1796 his father was imprisoned by the Austrians so his mother took him to Bologna, where she earned her living as a prima donna buffa. His first opera was La Cambiale di Matrimonio.
 - In 1824 he became musical director of the Theatre Italien in Paris, and when the agreement came to an end he was appointed chief composer to the king and inspector-general of singing in France. He was the first to replace the *recitativo secco* with a recitative accompanied by a quartet of strings.
 - Other works include Tancredi and The Barber of Seville.

ANS. Gioachina Rossini

19. (30 PTS.) Fourteen films that have won the Oscar for Best Picture have had only one word as a title. I mean one word, not such titles as The Apartment. You will receive 5 points for each two of the fourteen films you can name up to twelve. You have 20 seconds to work.

ANS. Wings, Cimarron, Cavalcade, Rebecca, Casablanca, Hamlet, Marty, Gigi, Oliver!, Patton, Rocky, Gandhi, Amadeus, Platoon

20. (25 PTS.) For 5 points each, identify the nation which owns or controls these territories.
- | | | |
|----|------------------|--|
| a. | Christmas Island | ANS. <u>Australia</u> |
| b. | Faeroe Islands | ANS. <u>Denmark</u> |
| c. | New Caledonia | ANS. <u>France</u> |
| d. | Montserrat | ANS. <u>Great Britain</u> or England or U.K. |
| e. | Cook Islands | ANS. <u>New Zealand</u> |

21. (30 PTS.) Given a "punk" or "new wave" album, give the group or individual who recorded it.
- | | | |
|----|-------------------------|--|
| a. | <u>Raw Power</u> | ANS. <u>Iggy and the Stooges</u> (ask for more if only say Iggy) |
| b. | <u>Horses</u> | ANS. <u>The Patti Smith Group</u> |
| c. | <u>Rocket to Russia</u> | ANS. <u>The Ramones</u> |

22. (25 PTS.) There are four extant representatives of the camel family in the New World, all of them native to South America. For 5 points each and a 5 point bonus for all four, identify them.

ANS. Guanaco, Alpaca, Vicuna, Llama

23. (30 PTS.) Answer these following chemistry/chess questions for the stated number of points.
- a. Your king is on Astatine, element 85. For 10 points, give three of the 5 elements which you could reach in one move.
ANS. Radon, Xenon, Iodine, Tellurium, Polonium
 - b. Your knight is on Rhodium, element 45. Name 2 of the 4 elements to which you could move in one turn for 15 points
ANS. Manganese, Copper, Rhenium, Gold
 - c. For a final 5 points, name both elements you could reach in one move if your king were on Helium.
ANS. Fluorine and Neon
24. (30 PTS.) Identify this author, 30-20-10.
- a. While a student at Cambridge, he got around regulations against keeping a dog by keeping a bear instead.
 - b. Following Napoleon's banishment to Elba, he wrote an ode contrasting Napoleon unfavorably with George Washington. He also had an unnaturally close relationship with his half-sister Augusta.
 - c. He is noted for such works as Don Juan and Childe Harold.
- ANS. Lord Byron
25. (30 PTS.) Answer these questions about John F. Kennedy, 10 points each.
- a. JFK was elected to the Senate in 1952 by defeating what longtime Republican Senator?
ANS. Henry Cabot Lodge
 - c. Name the 1940 book JFK penned which provided an analysis of the causes of Great Britain's failure to rearm before World War II.
ANS. Why England Slept
 - c. Name the program of aid to Latin America he developed during his administration.
ANS. Alliance for Progress