

FIRST ANNUAL VANDERBILT REGIONALS PREP TOURNAMENT

AUBURN (BLUE) TOSSUPS

1. Many people consider him to be the most dangerous man in America, while others think he is a harmless little fuzzball. Either way, he thinks that his way is The Way Things Ought to Be. For 10 points, who is this conservative radio/television host and bestselling author?

Answer: Rush Limbaugh

2. One of the laws named for this man states that the algebraic sum of all currents entering a circuit node equals zero. The other law states that the algebraic sum of voltage drops across any closed loop of a circuit must equal zero. For 10 points, who is the German scientist for whom these laws are named?

Answer: Gustav Robert Kirchoff

3. Hawaiian Punch, Gleem toothpaste, Cheer detergent, Pampers, Pepto-Bismol, Ivory soap, Vicks cough medicine, and Charmin are all, for 10 points, products produced by what company?

Answer: Procter & Gamble

4. This actress played Tess Harding, a journalist named Woman of the Year in the 1942 film of the same name. The role earned her an Oscar nomination. Coincidentally, this actress was also named McCall magazine's first Woman of the Year in 1942. For 10 points, who is she?

Answer: Katherine Hepburn

5. "All unhappy families are like one another; each unhappy family is unhappy in its own way" is, for 10 points, the opening line of what novel by Leo Tolstoy?

Answer: Anna Karenina

6. Hazel, Fiver, Bigwig, Blackberry, Silver, Buckthorn, Acorn, Dandelion, Pipkin, Speedwell, and Hawkbit are the eleven original rabbits, for 10 points, in what Richard Adams novel?

Answer: Watership Down

7. For 10 points, what SI unit of measurement could be defined as "the duration of 9,192,631,770 periods of the radiation corresponding to the transition between two hyperfine levels of the ground state of the Cesium-133 atom?"

Answer: second

8. The name's the same: the villainous Robert who rapes the title character in the Samuel Richardson novel Clarissa, and the 17th century Cavalier poet Richard who wrote such poems as "To Lucasta, Going to the Wars" and "To Althea, from Prison." For 10 points, give their common name.

Answer: Lovellace

9. Did you know that you are terricolous (tuh RICK oh lus)? That is, that you live on the ground. Well, even if you didn't know, that's OK, because you can keep your feet on the ground by, for 10 points, spelling terricolous.

Answer: T-E-R-R-I-C-O-L-O-U-S

10. Born in the Soviet Union in 1920, he began writing at age eleven and never stopped. He submitted his first story for publication at the age of 18. He published over 450 more books and stories, including "Nightfall," "I, Robot," and the Hugo Award winning Foundation trilogy. For 10 points, name this prolific writer of science fact and science fiction.

Answer: Isaac Asimov

11. Using the numbers 0, 3, 6, 12, 24, 48, 96, 192, 384, and 768, adding 4 to every number and dividing each sum by 10 provides scientists with a simple formula to calculate the approximate distances of the planets from the sun. It was originally devised in 1766 by Johann Titus, a German mathematician, but a German astronomer later published the law in 1771. For 10 points, what is this formula named for the latter astronomer?

Answer: Bode's Law

12. This famous jazz artist was born in Woodville, MS. As a tenor saxophonist, he helped the sound of jazz to change from the "hot" sound of the 1930's to the "cool" relaxed jazz beat. He began his career with Joe King Oliver, but later joined the Count Basie Band. FTP, name the musician nicknamed "Prez."

Answer: Lester Willis Young

13. A law has finally been discovered that describes government and business action. The law states that the number of administrators increases whether or not their official responsibilities increase. It is based on the idea that "work expands so as to fill the time available for its completion." Don't dawdle, FTP, what is this law?

Answer: Parkinson's Law

14. This lively folk dance from southern Italy is performed in 6/8 time. The dancers usually move forwards and backwards while hopping on one foot. According to folklore, in Taranto, Italy, the dance is used to cure tarantula spider bites. The dance is also featured in the ballroom scene of the ballet Swan Lake. FTP, what is this dance?

Answer: Tarantella

15. This female poet of the 18th century was born a slave but gained her freedom before she died around the age of 30. Her poems include "To His Excellency, General Washington" and "On the Death of Reverend Mister George Whitefield." FTP, name her.

Answer: Phillis Wheatley

16. The action allows people to ice skate and glaciers to move. Pressure applied to ice at 32°F (0°C) causes the ice to melt. Once the pressure is removed the ice will refreeze if all other conditions remain constant. FTP, what is this process called?

Answer: Regelation (REE juh LAY shun)

17. This politician attended Harvard and Oxford Universities. Upon returning to Pakistan, she married Asif Ali Zardari and with the support of the People's Party was elected Prime Minister. FTP, who is this first woman ever to head an elected government in an Islamic nation?

Answer: Benazir Bhutto

18. Mechanical refrigeration is the process that removes heat from a designated area through the use of a coolant. An American physician patented a mechanical refrigeration system in 1851 in an effort to cool hospitals. FTP, who was this doctor?

Answer: John Gorrie

19. Much time has been spent in the recent decades trying to define obscenity. The 1964 case Jacobellis v. Ohio forced this Supreme Court justice to state that he couldn't define hard core pornography but, "I know it when I see it." FTP, name this late Supreme Court justice.

Answer: Potter Stewart

20. This short lived television series aired on ABC from March to June of 1988. It was co-created by Isaac Asimov and Michael Wagner and starred Parker Stevenson as Austin James, a modern day Sherlock Holmes. FTP, name this series, which shares its name with a type of car and a surgical procedure.

Answer: Probe

21. This French mathematician, while studying problems in heat flow, showed that arbitrary periodic functions could be represented by an infinite series of sinusoids and harmonically related frequencies, a principle which is now used extensively in linear systems. FTP, who is this mathematician?

Answer: J.B.J. Fourier

22. In linguistics, the study of the way complex words are created from smaller parts is known as morphology. But, FTP, what is the study of the distinctive sound systems of a language called?

Answer: phonology

23. You remember Live Aid don't you? You know, the concert for famine relief that occurred in London's Wembley Stadium? I thought you would. But, FTP, do you remember who opened the 14 hour concert?

Answer: Status Quo

24. "D.I.Y.," "On the Air," "Humdrum," "San Jacinto," "I Don't Remember," "The Family and the Fishing Net," "Mercy Street," "Steam," "In Your Eyes," "Kiss the Frog," "Digging in the Dirt," and "Sledgehammer" are all songs by what former Genesis frontman?

Answer: Peter Gabriel

25. He was born Maurice Micklewhite, but don't let the name fool you. He went on to become one of the best known leading men of our time. Before he started acting, he fought in the Korean War, but he later went on to fight in Zulu. He has also starred in films such as The Ipcrest File, Alfie, and Mona Lisa. FTP, who is this actor, who won an Oscar for his role in Hannah and Her Sisters?

Answer: Michael Caine

26. Alright Monty Python fans, this one's for you. Whose chief weapons were surprise, fear, ruthless efficiency, an almost fanatical devotion to the pope, and a nice red uniform?

Answer: The Spanish Inquisition

27. The song "Downtown Train" has been a Top 40 cover song twice, first for Patty Smyth of the band Scandal, and later for Rod Stewart. But neither wrote it. For a quick 10 points, name the gravel-voiced singer-songwriter who wrote and first recorded the song "Downtown Train" on his album Rain Dogs.

Answer: Tom Waits

28. For a quick 10 points, what 1962 Supreme Court case stated that public schools cannot constitutionally require students to recite prayers?

Answer: Engel v. Vitale

29. OK mathematicians, FTP, what theorem states that the order of a subgroup evenly divides the order of a group?

Answer: LaGrange Theorem

T30. This man wrote primarily using the epistolary technique. Through letters to one another, the characters give insights into their own personalities. His novels include Sir Charles Grandison, Clarissa, and Pamela, or, Virtue Rewarded. FTP, name the man generally considered the first real English novelist.

Answer: Samuel Richardson

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AUBURN (BLUE) BONUSES

1. [20] You remember "Battlestar Galactica," don't you? Well, I hope so, otherwise you'll miss this question. In the premiere of the series, all but one of the colonial battlestars were destroyed, or so it was thought. As we found out later in the series, another battlestar managed to escape destruction.

1.) For 5 points each, name this lost battlestar and her legendary commander.

Answer: Battlestar Pegasus and Cdr. Cain

2.) For 5 points each, name Cdr. Cain's daughter, who was rather unwillingly transferred to the Galactica where she became Apollo's love interest, and name the actress who played her.

Answer: Sheba, played by Anne Archer

2. [25] This British born author came to America in the late 18th century with her husband and his sister as a part of a theater group. She quickly became better known for her recently published novel Charlotte, A Tale of Truth, renamed Charlotte Temple in America. Along with writing novels and poems, she edited the Boston Weekly Magazine and in 1797 opened a Young Ladies' Academy in Boston. For 25 points, name this woman, the author of the novels Victoria and Rebecca and the poems "Maria, Not a Fiction" and "The Standard of Liberty."

Answer: Susanna Rowson

3. [30] Well, here it is, this round's token periodic table bonus. There are 10 elements whose 2 letter abbreviations are the same as the postal abbreviations for 10 U.S. states. For 5 points for each pair, you give me any six of the 10 pairs of elements and states with the same abbreviation--not the abbreviation itself.

Answer:	<u>Alabama and Aluminum (AL)</u>	<u>Colorado and Cobalt (CO)</u>
	<u>California and Calcium (CA)</u>	<u>Georgia and Gallium (GA)</u>
	<u>Louisiana and Lanthanum (LA)</u>	<u>Minnesota and Manganese (MN)</u>
	<u>Missouri and Molybdenum (MO)</u>	<u>Nebraska and Neon (NE)</u>
	<u>Pennsylvania and Protactinium (PA)</u>	<u>South Carolina and Scandium (SC)</u>

4. [20] This musician started his career in Amy Grant's band. Since then, he has gone out on his own to a very successful career in contemporary Christian music with albums like Project and The Big Picture. However, like his mentor, he has recently made a crossover into more of a pop genre with the album Change Your World. For 20 points, identify this musician.

Answer: Michael W. Smith

5. [20] This American marine biologist and science writer was born in Springdale, PA in 1907. Her best known book, Silent Spring (1962) helped gain attention about the harmful effects of pesticides. Her work brought stronger government regulation on pesticide use and greater awareness about environmental management. For 20 points, who is this early environmentalist?

Answer: Rachel Carson

6. [30] 30-20-10. Identify this American statesman.

30. He was appointed foreign minister to Spain in 1779 and helped frame the Treaty of Paris of 1783.

20. He served as President of the Continental Congress from December, 1778 to September, 1779.

10. He was the first Chief Justice of the U. S. Supreme Court.

Answer: John Jay

7. [30] "In a not too distant future/ Next Sunday A.D./ There was a guy named Joel/ Not too different from you or me." Yes, the familiar opening lines to Mystery Science Theatre 3000 ring out like a cacophony of birds on a spring day. Answer these questions about MST3K.

1. FTP, name the effeminate robot with a particular fondness for Richard Basehart.

Answer: Gypsy

2. For an additional 20 points, name the show's two mad scientists.

Answer: Frank and Dr. Clayton Forrester

8. [25] This painter was born in Lessines, Belgium in 1898. He studied art in Brussels where most of his early art reflects cubism. Later, he became a surrealist painter. Much of his work deals with a dream world of solid objects floating in the air, people made of stone, and small objects, such as apples, filling an entire room. His paintings also include strange men wearing bowler hats. For 25 points, who is this unusual man?

Answer: René Magritte

9. [30] 30-20-10. Identify this musician from a list of his songs.

30--"Consider It Done," "The Human Race," and "Do They Know"

20--"Treasure Island," "More Than Words," and "Who Cares"

10--"Higher Ways," "Busy Man," and "For the Sake of the Call"

Answer: Steven Curtis Chapman

10. [20] Do you know your genetics? We'll see. For 5 points apiece, tell whether the following traits are dominant or recessive in humans.

- | | |
|----------------------|------------------|
| 1) Sickle cell | <u>Dominant</u> |
| 2) Attached ear lobe | <u>Recessive</u> |
| 3) Night Blindness | <u>Recessive</u> |
| 4) No incisor teeth | <u>Dominant</u> |

11. [25] Being the sci-fi fans that I know you all are, I'm sure that you know Isaac Asimov's three laws of robotics. But do you know where they were first stated? For 25 points, name the short story in which Asimov first explicitly stated the three laws of robotics.

Answer: "Runaround"

12. [30] Most people will be able to recognize the line "Parting is such sweet sorrow" as being spoken by Juliet in the balcony scene of Romeo and Juliet, but do you know the speaker of these other famous Shakespearean quotes? I'll give you 10 points if you can identify the speaker after the quote, or 5 points if you need the title of the play.

1) 10. "The course of true love never did run smooth."

5. A Midsummer Night's Dream

Answer: Lysander

2) 10. "All the world's a stage./ And all the men and women merely players."

5. As You Like It

Answer: Jaques

3) 10. "The better part of valor is discretion."

5. Henry IV, Part I

Answer: Sir John Falstaff

13. [30] 30-20-10. Identify the speaker from her quotes.

30--"A curved line is the loveliest distance between two points."

20--"It's not the men in my life that counts-it's the life in my men."

10--"The best way to hold a man is in your arms."

Answer: Mac West

14. [30] How well do you know your famous film directors? I'll give you their first full-length feature film and you name the director.

1. Joe's Bedstuy (BED STY) Barbershop: We Cut Heads Answer: Spike Lee

2. Who's That Knocking at My Door Answer: Martin Scorsese

3. You're a Big Boy Now Answer: Francis Ford Coppola

15. [25] One of the most basic theorems of logic was stated by a nineteenth century mathematician/logician. His theorem states that the negation of the disjunction of two statements is logically equivalent to the conjunction of the negations of the two statements; or, the negation of the conjunction of two statements is logically equivalent to the disjunction of the negations of the two statements. For 25 points, who is the mathematician for whom this law is named?

Answer: Augustus DeMorgan

16. [20] For 5 points apiece, identify the states given their geographic centers.

1. Sanpete, 3 miles north of Manti.

Answer: Utah

2. Hernando, 12 miles north-northwest of Brooksville

Answer: Florida

3. Story, 5 miles northeast of Ames

Answer: Iowa

4. Braxton, 4 miles east of Sutton

Answer: West Virginia

17. [30] Given the members of a popular band, you give me the band's name. You'll earn 10 points for each correct answer.

1. Martin Chambers, James Honeyman-Scott, Pete Farndon, and Chrissie Hynde.

Answer: The Pretenders

2. Stone Gossard, Jeff Ament, Eddie Vedder, Dave Krusen, and Mike McCready.

Answer: Pearl Jam

3. Carlton Ridenhour, William Drayton, and Norman Rogers

Answer: Public Enemy

(Note: They are better known as Chuck D., Flavor Flav, and Terminator X)

18. [30] 30-20-10. Name this literary character.

30. He is a detective of aristocratic birth who has a manservant named Lugg and who eventually marries Amanda Fitton.

20. He first appeared as a minor character in The Black Dudley Murder in 1930, then next appeared as the central character in Mystery Mile.

10. Other Margery Allingham novels in which he appears include Sweet Danger, Flowers for the Judge, Dancers in Mourning, and The Tiger in the Smoke.

Answer: Albert Campion

19. [20] Implemented in 1978 by Dennis Ritchie of Bell Telephone Laboratories, Inc. (now AT&T Bell Laboratories), it is an outgrowth of BCPL and B. It has been sometimes called a "system programming language" because it has been useful in writing operating systems, such as UNIX. For 20 points, what is this programming language?

Answer: C

20. [30] 30-20-10. Name this French political party of the late 18th century.

30. These revolutionary enthusiasts were first seen as radicals in 1792, but after the formation of the Jacobins, became more identified with less radical views.

20. Their most powerful and eloquent leader was Georges Jacques Danton, who was executed by Robespierre in April, 1794.

10. Their name was derived from the fact that their most vocal proponents came from a department in southern France called "Gironde."

Answer: Girondins

21. [25] In 1971, the rock music group the Eagles was formed. They stayed together until 1976 when the band's guitarist left and was replaced by Joe Walsh. The group continued to produce hits until 1982, when they finally broke up. For 5 points each, can you name the original members of the group?

Answer: Bernie Leadon, Don Henley, Glenn Frey, Don Felder, Randy Meisner

22. [20] Jazz has been described as a uniquely American style of music because it draws from several cultures. Jazz became widely known in the 1920's, but it wasn't until the 1940's and 1950's that it gained acceptance. Recently many communities have begun annual Jazz festivals.

a. For 10 points, in what U.S. city was the first major American jazz festival held?

Answer: Newport, RI

b. For 10 more points, if you are exactly correct, or five if you are within two years, in what year was the first Newport Jazz Festival held?

Answer: 1954

23. [20] The early 1900's were a time when industry was looking for a way to produce goods faster. During this period, an American engineer and efficiency expert conducted experiments at Midvale steelworks in Pennsylvania to determine the maximum possible efficiency of people and machines. His most well known work is the time and motion study. Although others proposed systems similar to his, the efficiency movement was named for him. For 20 points, quickly name this time lord.

Answer: Frederick Winslow Taylor

24. [20] This architect was born in Lumpkin, Georgia in 1850. He was part of an influential group of architects known as the Chicago school, and helped develop the modern office skyscraper. He formed a partnership with Daniel Hudson Burnham and gained acclaim for his building designs. One of his greatest was the Rand-McNally building in 1889, which was the first to have an all-steel frame. For 20 points, name this architect.

Answer: John Wellborn Root

25. [20] When Palestine was divided in 1948, this woman served as Israel's Minister of Labor. She also served as Minister of Foreign Affairs and as Secretary-General of the Labor Party. In 1969, she became Israel's Prime Minister. She resigned in 1974 under political criticism. For 20 points, who was this politician?

Answer: Golda Meir