

Vanderbilt University Team "B" Round
for
1993 "Hop on Pop" Dr. Seuss Memorial College Bowl Tournament

Tossups

1 The city of Asmera was once just an exit on an Ethiopian Road Atlas. This is no longer the case since Asmera has now joined cities like Amsterdam, Addis Ababa, and Antananarivo as a World Capital. FTP name the newly formed nation with its seat of government at Asmera.

ANSWER: Eretrea

2 Philip VI, John II, Charles V, Charles VI, Charles VII, Louis XI, Charles VIII, Louis XII, Henry II, Francis II, Charles IX, and last but not least, Henry III. FTP name the French royal house common to all of these rulers.

ANSWER: Valois

3 The first Norwegian to win was Bjorsterne Bjornson, Giosue Carducci was the first Italian, Theodore Mommsen the first German, Selma Lagerlof the first Swede, and Sinclair Lewis the first American. FTP name this coveted award, won in 1993 by Toni Morrison.

ANSWER: The Nobel Prize in Literature

4 Julia adores Proteus, and Valentine is crazy about Silvia. Everything is fine until Proteus falls for Silvia and gets Valentine thrown out of the kingdom. Such is the beginning of the plot of, for 10 points, which Shakespeare play that also features Crab the dog?

ANSWER: The Two Gentlemen of Verona

5 This computer language was first implemented on a PDP-11 microcomputer in 1972. It was designed by Dennis Ritchie of Bell Labs. For 10 points, identify the language which was initially used as a systems language for UNIX.

ANSWER: C

6 In this incident, Harry Sinclair and Ed Doheney illegally bought the use of government-owned western oil reserves from Secretary of the Interior Albert Fall. Doheney and Sinclair made more than \$20 million, and Fall went to jail. For 10 points, name this Harding Administration scandal.

ANSWER: Teapot Dome Scandal

7 It has a diameter of about 4200 miles and atmospheric pressure of only 2% that of Earth's. It takes 687 of our days to circle the sun and rotates once every 24 hours and 37 minutes. FTP, identify this planet probed in 1965 by the spacecraft Mariner 4.

ANSWER: Mars

8 One of this artist's most celebrated works has among the highest levels of symbolism and detail of all fifteenth century art. This particular painting by this artist intricately portrays the meaning of marriage through such devices as a chandelier with one lit candle, a small dog, and a finely detailed convex mirror. For 10 points, name the creator of the virtually unrivaled *Wedding Portrait of Giovanni Arnolfini and His Bride*.

ANSWER: Jan van Eyck

9 They rarely got along together, as shown by their respective attempts on the question of the catenary curve. However, when they were at peace, they produced such fine work as proving the divergence of the harmonic series. For 10 points, name these brothers, one of whom established the principle that explains the effect of lift on airplane wings.

ANSWER: Johann and Jakob Bernoulli (The Bernoulli Brothers)

10 "Teenage Rave" and "Toucan Son-of-Sam" are among the eleven songs on this group's videotape/album. However, you probably know them better for the Claymation video from the same tape. For

10 points, give the group whose *Cereal Killer* also included "Three Little Pigs".

ANSWER: Green Jello or (Green Jelly)

11 The colonists called him "Father Wooden Leg" because he had a prosthetic limb. For 10 moderately quick points, identify this early Dutch leader of New Netherlands.

ANSWER: Peter Stuyvesant

12 It may be applied to entire circuits or portions of circuits in which there is no electromotive force. If applied to an entire circuit then the potential difference must be the net EMF applied to the circuit and the resistance must be equal to the total resistance. FTP, identify the law of Physics described here which relates current to resistance and voltage.

ANSWER: Ohm's Law

13 Part 1 consists of the ironical writings of a young aesthetic man, including aphorisms, essays on Mozart, and "The Seducer's Diary." Part II contains Judge Williams's writings. There is no Part III because Kirkegaard wants each individual reader to make his own decision between the two possible types of lives. FTP, identify this major work by Soren Kirkegaard.

ANSWER: Either/Or

14 For ten points, give the dot product of the vectors (1,-1,2) and (2,3,-1).

ANSWER: -3

15 Some say 500,000 American jobs would be lost to Mexico while others say 200,000. Some say American companies would save millions by avoiding U.S. environmental regulations while others point to the Maquila disaster and Mexico's recent efforts to pass its own environmental legislation. These are points on both sides of the debate about, FTP, what piece of legislation.

ANSWER: NAFTA (accept North American Free Trade Agreement)

16 The names the same. Grover Cleveland's second Vice-President and that Vice President's grandson who ran for President twice and lost each election to Dwight Eisenhower. FTP give me the shared first and last name.

ANSWER: Adlai Stevenson (If just one name is given, ask for more info)

17 Charles Baudelaire dies, The South African diamond fields are discovered, the Queensbury Rules of boxing are formulated, Nebraska becomes a state, Russia sells Alaska to the United States, and the British North American Act establishes the dominion of Canada. FTP in what year did these events occur?

ANSWER: 1867

18 Oriel, Brasenose, Merton, Balliol, St. Hilda's, St. Catherine's, Corpus Christi, New Queen's, All Souls, and Trinity are all Colleges that make up what English University.

ANSWER: Oxford

19 He won the Nobel Prize for Literature in 1913. Born in Calcutta in 1861, he resided in the Jorasanko House for most of his youth. In his later years he founded Shanti Niketan, a school in the Himalayan foothills. FTP name this Indian poet best remembered for the *Gitanjali*.

ANSWER: Rabindranath Tagore

20 Initially, Glucose is converted to Glucose 6-Phosphate which is then converted to Fructose 6-Phosphate. This is followed by the first committed step which results in the formation of Fructose 1,6-Bisphosphate. Other intermediated include Glyceraldehyde 3-Phosphate, 2-Phosphoglycerate, and Phosphoenolpyruvate. FTP name this process, the end product of which is pyruvate.

ANSWER: Glycolysis

21 This author spent 11 years trying to get his sole novel published before he committed suicide in 1969. His mother, after another 11 years, finally got his 1981 Pulitzer Prize winning book published. For 10 points, name the author of *A Confederacy of Dunces*.

ANSWER: John Kennedy Toole

22 "Blood" - "rearviewmirror" - "dissident" - "elderly woman behind the counter in a small town" - "leash" - "indifference" and "go" are all songs on the latest album by a band from Seattle. FTP name this self-titled follow up to *Ten*.

ANSWER: Pearl Jam

23 *The Sea and Sinbad's Ship, The Young Prince and the Young Princess, The Story of the Calendar Prince, and Festival at Baghdad* are, FTP, parts of what famous musical work by Nikolai Rimsky-Korsakov.

ANSWER: Scheherezade

24 The Spanish named the town "The Hot Springs of the Doves" but it was later called Hot Springs. In 1950, the citizens voted to change its name to what it is now. FTP name this town in southwestern New Mexico, probably the only place in the world with a Ralph Edwards fiesta.

ANSWER: Truth or Consequences

VANDERBILT B

HOP ON POP - Illinois 1993

Bonuses

1) 30 points

Identify the speaker from his quotes 30-20-10.

30) "The Father of Waters flows unvexed to the sea."

20) "Find me the brand, and I'll send a barrel to each of my generals."

10) "... let us strive to finish the work we are in, to bind up the nation's wounds."

ANSWER: Abraham Lincoln

2) 30 points

Tell from what works the titles of the following books are taken from for 10 points each.

A) *Of Mice and Men*

ANSWER: To a Mouse

B) *Tender Is the Night*

ANSWER: "Ode to a Nightingale"

C) *The Sun also Rises*

ANSWER: The Bible (specifically, Ecclesiastes 1:5)

3) 25 points

Name the genetic disorders described below for 5 points each, with a 5 point bonus for getting all 4 correct.

A) A female has only 1 X chromosome.

ANSWER: Turner syndrome

B) A lethal, genetic lysosomal storage disease common among the U.S. Jewish population in which nervous damage leads to death.

ANSWER: Tay-Sachs disease

- C) A male has an XXY trisomy.

ANSWER: Klinefelter syndrome

- D) A female has 3 X chromosomes.

ANSWER: Metafemale

4) 30 points

Hey, you! Give the following facts about Pink Floyd's classic, *The Wall*, for 10 points each.

- A) The main character.

ANSWER: Pink

- B) The actor who plays Pink.

ANSWER: Bob Geldorf

- C) The only song in which Dave Gilmour sings lead vocals.

ANSWER: "Comfortably Numb"

5) 20 points

List the 4 Barbary States against which the United States fought in the early 1800s for 5 points each.

ANSWER: Algeria
Morocco
Tripoli
Tunisia

6) 25 points

For 5 points each give me the SI unit each of the following quantities is measured in.

- A) Power

Answer: Watt

- | | |
|----------------|---|
| B) Force | Answer: <u>Newton</u> |
| C) Capacitance | Answer: <u>Farad</u> |
| D) Inductance | Answer: <u>Henry</u> |
| E) Pressure | Answer: <u>Pascal</u> (also accept <u>Weber</u> |
- per square meter)

7) 20 points

For 5 points each, identify the units of measure described below.

- A) Approximately 57.2958 degrees.

ANSWER: Radian

- B) Originally referred to the weight of a carob tree seed.

ANSWER: Carat

- C) A 4 foot by 4 foot by 8 foot unit of wood.

ANSWER: Cord

- D) Originally referred to the area a yoke of oxen could plow in a day.

ANSWER: Acre

8) 30 points

Name the existential philosopher given his major love interest for 10 points each.

- A) Regine Olson

ANSWER: Soren Kierkegaard

- B) Simone de Beauvoir

ANSWER: Jean-Paul Sartre

- C) Lou Salome

ANSWER: Friedrich Nietzsche

9) 25 points

Given an invention, tell who invented it for 5 points each.

A) Mercury thermometer

ANSWER: Fahrenheit

B) Moveable type

ANSWER: Gutenberg

C) Shrapnel shell

ANSWER: Shrapnel

D) Air brake

ANSWER: Westinghouse

E) Pendulum clock

ANSWER: Huygens

10) 30 points

List, in chronological order, the first 6 Vice-Presidents of the United states for 5 points each.

ANSWER: Earliest: John Adams
Thomas Jefferson
Aaron Burr
George Clinton
Elbridge Gerry
Latest: Daniel D. Thompson

11) 30 points

Identify the country whose flag is described below for 10 points each. (Hint: each country's name starts with the letter 'B'.)

A) Horizontal black stripe with white border in the middle of a pale blue background.

ANSWER: Botswana

B) Vertical white stripe on left makes sawtoothed border with the rest of the solid red flag.

ANSWER: Bahrain

C) Red circle on green background.

ANSWER: Bangladesh

12) 30 points

For 15 points each on the first clue, 10 points each on the second clue, or 5 points each on the third clue, identify these two elements.

- A) 15) Discovered in 1899 by Debiere.
10) First alphabetically of all the elements, its atomic number is 89.
5) Its symbol is Ac.

ANSWER: Actinium

- B) 15) Discovered in 1789 by Klaproth.
10) Last alphabetically of all the elements, its atomic number is 40.
5) Its symbol is Zr.

ANSWER: Zirconium

13) 30 points

Many musical compositions have more than one name. For example, Schubert's Symphony # 8 in B minor is known as the Unfinished Symphony. For 10 points each, give the alterante name of the following Symphonies.

- A) Beethoven's Symphony # 3 in B flat major.

ANSWER: Eroica

B) Haydn's # 9 in G Major

ANSWER: Surprise Symphony

C) Mozart's Symphony # 11 in C major (k.551)

ANSWER: Jupiter Symphony

14) 30 points

Identify the author of the following works on a 30-20-10 basis.

30) Youngblood Hawke, Don't Stop the Carnival

20) Marjorie Morningstar, The Caine Mutiny

10) War and Remembrance, The Winds of War

ANSWER: Herman Wouk

15) 30 points

For 5 points each, identify any 6 of the 7 novels that make up C.S. Lewis's Narnia Chronicles.

ANSWER: The Lion, the Witch, and the Wardrobe, Prince Caspian, The Voyage of the Dawn Treader, The Silver Chair, The Horse and His Boy, The Magician's Nephew, and The Last Battle

16) 25 points

For 5 points each, name the composers collectively known as the Russian Five. Be careful because a miss stops you!

ANSWER: Nikolai Rimsky-Korsikov, Alexander Borodin, Cesar Cui, Modest Moussorgsky, and Mili Balakirev

17) 25 points

For 5 points each, identify the baseball star given the team he played for and the retired number.

A) Chicago Cubs, # 44

ANSWER: Ernie Banks

B) San Francisco Giants, # 44

ANSWER: Willie McCovey

C) Cincinnati Reds, # 5

ANSWER: Johnny Bench

D) Boston Red Sox, # 8

ANSWER: Carl Yastremski

E) Baltimore Orioles, # 5

ANSWER: Brooks Robinson

18) 30 points

Identify the play on a 30-20-10 basis

30) It was first presented in 1921 and begins with the stage manager and a group of actors preparing to rehearse a play.

20) The major characters are the father, the mother, the son, the stepdaughter, the boy, and the child.

10) Its author, Luigi Pirandello is considered to be the greatest Italian playwright of the 20th century.

ANSWER: Six Characters in Search of an Author

19. If 42 really is the meaning of life then you should have thought about it enough to answer this question. Express 42 in each of the following number systems (10 points each):

A) Hexadecimal Answer: 2-A

B) Binary Answer: 1-0-1-0-1-0

C) Base 42 Answer: 1-0

20. 30 points

Give the first plays of the following dramatists for 10 points each.

A) Clifford Odets

ANSWER: *Waiting for Lefty*

B) Lillian Hellman

ANSWER: *The Children's Hour*

C) Edward Albee

ANSWER: *The Zoo Story*