

FINALS (ROUND 15): TOSSUPS

Bulldog High School Academic Tournament VII

1. Although United States Senators are typically gregarious, they cannot talk forever. A petition signed by 16 senators can initiate action under this procedure which, if approved by 60 senators, ends debate on the issue at stake. FTP, identify this parliamentary technique that allows a legislative body to bring a matter under consideration to a vote.

ANSWER: cloture or closure

2. O/SS. A marketplace in China, a factory in Soviet Russia, a bar in Spain, an American air base, a club in Las Vegas, a temple in Thailand, a dock in New England, a village in Brazil. FTP, these are all locales in what 1991 Capcom arcade smash, re-released in Championship and Super editions?

ANSWER: Street Fighter II

3. Developed by Portuguese surgeon Egaz Moniz in 1935, who won the 1949 Nobel Prize for it, it was modified by American neurologist Walter Freeman. Using a small mallet, Freeman would drive an ice pick through the eye socket, then move it up and down and side to side, destroying massive amounts of brain tissue. FTP, name this procedure that Freeman last performed in 1967.

ANSWER: lobotomy

4. John Adams felt that his successor, Thomas Jefferson, was "putting on airs by serving such novelties" as these items to White House guests. Times have changed, however, and an ubiquitous American restaurant cooks over 300 pounds of them each day. Ironically, inhabitants of Paris would call them "fried apples." FTP, identify these greasy taste treats that are available in curly and shoestring varieties.

ANSWER: french fries

5. Later a patriot militia, it was formed in 1770 to combat a New York sheriff's party that came to evict local residents who had received land grants from New Hampshire. They later made significant contributions to the Revolutionary War effort, such as the capture of Fort Ticonderoga in May 1775. FTP name this Vermont military group led by Ethan Allen.

ANSWER: Green Mountain Boys

6. A lover of outdoor sports, he is repelled by sexual passion. Just before his mother dies, she accuses him of rape. As if he did not have enough problems, his father put a curse on him. After his death, Artemis proves his innocence. FTP, identify this character of dramas by Jean Racine and Euripides, son of Theseus and Phaedra.

ANSWER: Hippolytus [ACC: Hippolyte]

7. During World War I, Somerset Maugham was enlisted by the British government to try to secure the support of this man's government. He planned the disastrous June Offensive of 1917, but was still elected Prime Minister when the provisional government reorganized in July. FTP identify this Russian leader who, in October of the same year, was forced from power by the Bolsheviks.

ANSWER: Alexandr Fyodorovich Kerensky

8. For uranium it is 18.95, aluminum, 2.7, chlorine gas, .0032. It varies for different temperatures, and is generally reported at 293 degrees Kelvin. For water *below* freezing, it is .92, and at 20 degrees Celsius, 1.0. FTP what is this quantity expressed in terms of mass over volume?

ANSWER: density or specific gravity

9. His last sacred work was 1915's *Vespers*, and his final work was his *Symphonic Dances*. The *Dies irae* melody is quoted often in this Russian composer's works, such as the *Paganini Rhapsody*. FTP, name this composer, who died in Hollywood in 1943, whose *Piano Concerto No. 3* drove David Helfgott to madness.

ANSWER: Sergei Vasilyevich Rachmaninoff

10. Allegedly the son of Talleyrand, he was especially interested in the writings of Lord Byron. He painted *The Execution of Marino Faliero* and *The Death of Sardanapalus*, which were both based on Byron themes. FTP name this French Romantic, the painter of *Liberty Leading the People*.

ANSWER: Eugene Delacroix

11. It is an irregular quadrilateral in shape, and its greatest depth is 270 feet. Its waters fill a shallow depression in the center of the great plateau that stretches between the Western and Eastern Rift Valleys. The second-largest freshwater lake in the world, John Speke gave it a royal name when he sighted it in 1858. FTP identify this source of the Nile River.

ANSWER: Lake Victoria

12. In the world of the idle rich on the French Riviera, a psychiatrist marries one of his patients. As she slowly recovers, he loses his vitality until the author calls him *un homme e-pui-sé*, or "a man used up." This is the plot, FTP, of what 1934 novel by F. Scott Fitzgerald?

ANSWER: Tender Is the Night

13. Learning of the overthrow of the Medes in 549, he attacked Persia in 547, and was defeated by Cyrus. He made large gifts to the temple at Delphi, spreading his fame as a symbol of wealth. FTP name this last king of Lydia who was misled by a prophecy that he would destroy a great kingdom.

ANSWER: Croesus

14. They are described by the Henderson-Hasselbach equation. One can be formed using hydrogen phosphate with phosphate or with hydrogen phosphate; in the blood, the main one uses carbonic acid. FTP, name these solutions of weak acids and conjugate bases, used to keep pH levels stable.

ANSWER: buffered solutions [prompt on "acid-base pair"]

15. This philosophical movement is based on the use of reason to deepen the understanding of what is believed, and to give a rational content to faith. It dominated virtually an entire millennium, and peaked during the 13th century. FTP, identify this philosophy of Western Christendom in the Middle Ages, whose most famous spokesman was Thomas Aquinas.

ANSWER: scholasticism

16. Born in Dublin in 1854, this author showed early promise, winning the Berkeley Gold Medal for Greek at Trinity College and the Newdigate Prize for his poem "Ravenna" at Magdalen [MAW-dlin] College, Oxford. By the 1890s he was one of London's most important playwrights. FTP, name this author of *Lady Windemere's Fan*, *A Woman of No Importance*, and *The Importance of Being Earnest*.

ANSWER: Oscar Wilde

17. When Lex Cusack was searching through his father's belongings, he found papers allegedly belonging to this man, which ABC News recently reported to be forgeries. In fact, one dated in 1961 had ZIP codes that weren't used until 1963. FTP, name the purported author of these papers, which claimed that he made payments to Marilyn Monroe to keep their affair a secret.

ANSWER: John Fitzgerald Kennedy, Sr.

18. Born in Suffolk, England and the cousin of a famous scientist and philosopher, he lived at Curl's Neck on the James River in Virginia. An expansionist, in 1676 he led an unauthorized expedition against Native Americans in the colony. After Governor William Berkeley denounced his actions, he burned down Jamestown and quickly gained control of most of the colony. FTP identify this American rebel.

ANSWER: Nathaniel Bacon

19. Medieval Arabs attributed these to a phantom planet named *al-Tinneen*, "the Dragon." They occur in a regular series called the *saros* period, and there are between two and seven of these events per year. FTP, name this astronomical phenomenon, found in total and partial forms, which occurs when the sun, Earth, and moon are aligned.

ANSWER: eclipse

20. The number of gallons in a US barrel of oil. The number of capsomeres covering the outer surface of a pa-po-a-virus. Both of these are the same two digit number. It is also the latitude that marked the northern boundary of the area the US purchased from Spain in the Adams-Onis treaty. FTP, identify the answer to life, the universe, and everything, according to Douglas Adams.

ANSWER: 42

21. Like the Bible, it has been published in several languages besides English. Also like the Bible, it is purported to be the Word of God passed on through divine inspiration of a prophet. Unlike the bible, however, the original version was supposedly found on golden plates near the home of Joseph Smith, and reclaimed by an angel after Smith translated them into English. FTP, name this work, the chief text of the Church of Jesus Christ of Latter-Day Saints.

ANSWER: The Book of Mormon

22. *Catherine Was Great*, *Diamond Lil*, *The Constant Sinner*, *The Drag*, and *The Pleasure Man* were all authored by this woman who co-starred with Marlon Brando in *Pal Joey* and Elvis Presley in *Roustabout*. She is better known, though, for her risqué 1930s films, such as *She Done Him Wrong* and *I'm No Angel*. FTP, go in the right direction, young man, and name this movie star.

ANSWER: Mae West

23. After winning both the Booker Prize and a Pulitzer Prize for her work, she was named Chancellor of the University of Winnipeg in 1996. FTP, who is this woman whose 1993 novel *The Stone Diaries* won much domestic and international acclaim?

ANSWER: Carol Shields

FINALS (ROUND 15): BONI

Bulldog High School Academic Tournament VII

1. Identify the element or its atomic symbol from a property, 10 points each.

- This alkali metal is found in a powerful reducing agent, and is an anti-depression agent.
ANSWER: lithium or Li
- Three atoms of this subliming nonmetal are found in each molecule of the amino acid thyroxine, which is found in the thyroid gland.
ANSWER: iodine or I
- This element can exist in 9 different oxidation states—yet its molecular form is highly unreactive, containing the strongest known triple bonds.
ANSWER: nitrogen or N

VISUAL BONUS.

2. Answer these questions on World War II bombings, 10 points each.

- As a prisoner of war, Kurt Vonnegut witnessed this city's firebombing, an event he recalls in *Slaughterhouse-Five*.
ANSWER: Dresden, Germany
- Only the spires of St. Michael's Cathedral and the Grey Friars' Church in this British town survived the air raids of November 1940 and April 1941.
ANSWER: Coventry, England
- The bell tower of the Ma-ri-en-kir-che in this German city was destroyed in 1944; the bells, shown in this picture, remain where they fell.
ANSWER: Lübeck, Germany

3. Given the role, name the Yale actor for 10 points each.

- Aaron and Roy in *Primal Fear*
ANSWER: Edward Norton
- Tina Turner in *What's Love Got To Do With It?*
ANSWER: Angela Bassett
- Pollux Troy in *Face/Off*
ANSWER: Alessandro Nivola

4. AUDIO BONUS.

Given an excerpt of an instrumental solo, for 10 points, identify the instrument being played, the composer of the work, or the title of the work.

- [Clip #1]
ANSWER: clarinet from *Rhapsody in Blue* by George Gershwin
- [Clip #2]
ANSWER: bassoon from *The Rite of Spring* [ACC: *Le Sacre du printemps*] by Igor Stravinsky
- [Clip #3]
ANSWER: cor anglais or English horn from *Sancta civitas* by Ralph Vaughan Williams

5. Given a country, name its last colonial master, for the stated number of points.

- | | | |
|-----|-----------|--------------------------------|
| 5: | Indonesia | ANSWER: The <u>Netherlands</u> |
| 5: | Guyana | ANSWER: <u>Britain</u> |
| 10: | Namibia | ANSWER: <u>South Africa</u> |
| 10: | Cuba | ANSWER: <u>United States</u> |

11. Answer these questions about the Teamsters' Union, for 10 points each.

- a. With what company did the Teamsters' Union settle in September a two-week strike over temporary employees?

ANSWER: United Parcel Service

- b. Name the leader of the Teamsters' Union whose 1996 election was recently invalidated.

ANSWER: Ronald Carey

- c. Name the Federal election overseer who invalidated Carey's election.

ANSWER: Barbara Zack Quindell

12. Identify the following which are indirectly related to *South Park*, 10 points each.

- a. Known as "the Man," he won seven National League batting championships in his 22-year career with the St. Louis Cardinals.

ANSWER: Stanley Frank Musial

- b. This actor appeared in *The Trigger Effect*, *The Flintstones*, *Showgirls*, and *Twin Peaks*.

ANSWER: Kyle MacLachlan

- c. This jazz musician set the record for the longest note in December 1997 by holding an E flat on a saxophone for 45 minutes and 47 seconds.

ANSWER: Kenny G

13. Name the US river from its start and end points, 10 points each.

- a. Grizzly Creek in Jackson County, Colorado to the Missouri River south of Omaha.

ANSWER: Platte River

- b. Schoharie County, New York to Liston Point, Delaware Bay.

ANSWER: Delaware River

- c. Park County, Wyoming to the Missouri River in North Dakota.

ANSWER: Yellowstone River

14. Answer the following about microeconomics, 10 points each.

- a. The law of demand dictates that what sort of relationship exists between price and demand?

ANSWER: inverse (one goes up, the other goes down)

- b. What is the term for items that are used in place of another good. For example, a Mercedes automobile may be this sort of good in relation to BMW cars.

ANSWER: substitute

- c. What is the term for goods that are bought only because they are cheap. In income goes down, demand for this sort of good will increase.

ANSWER: inferior good

15. Answer these questions on Geraldine Ferraro's old running mate, Walter Mondale, for 10 points each.

- a. In what state was Mondale born?

ANSWER: Minnesota

- b. In the 1984 election, besides Minnesota, where did Mondale earn his 3 other electoral votes?

ANSWER: the District of Columbia

- c. Mondale filled the Senate seat of this Minnesotan Vice-President under Lyndon B. Johnson.

ANSWER: Hubert Horatio Humphrey

16. Ten points each, given the philosopher, name the school of thought to which he belongs.

- a. Protagoras ANSWER: Sophism or Sophists [ACC: Sophistry]

- b. Diogenes ANSWER: Cynicism

- c. Plotinus ANSWER: Neo-Platonism

17. Answer these questions about Isabelle Allende, for the stated number of points.

5: Allende's uncle Salvador was president of what country?

ANSWER: Chile

10: In what novel did she dramatize her uncle's overthrow?

ANSWER: The House of The Spirits or La Casa De Los Esperitus

15: Name her latest book, part memoir, part autobiography, written for and named after her comatose daughter.

ANSWER: Paula

18. Writing implement and paper ready! Consider the quartic equation x to the fourth minus 10 times x cubed plus 35 times x squared minus 50 times x plus 24 equals 0. Ten points each, find any *three* of its four real roots. *You have 30 seconds to begin your answer.*

ANSWER: 1, 2, 3, and 4

[sum of roots = +10, product = +24; 1 must be a root as sum of coefficients = 0.]

AUDIO BONUS.

19. For 10 points, identify the composer of this song, written in 1941. [Play clip #1]

ANSWER: Glenn Miller

For another 10 points, this is the song of boatmen on what long European river?

ANSWER: Song of the Volga Boatmen

For a final 10 points, identify the following song from an excerpt. [Play clip #2]

ANSWER: In the Mood

20. Answer these questions about *Pilgrim's Progress*, for the stated number of points.

5: Name the author.

ANSWER: John Bunyan

10: What is the name of the Pilgrim who makes the journey?

ANSWER: Christian

15: Christian is originally accompanied by Faithful. But Faithful is put to death in what place?

ANSWER: Vanity Fair

21. Answer these questions about recent developments in drug resistance, 10 points each.

a. In September, researchers here at Yale found a method of inducing drug resistance in bacteria by inserting copies of what type of nucleic acid into the cells?

ANSWER: messenger RNA or mRNA

b. In September, researchers in Japan found bacteria resistant to all known antibiotics. For 10 points, what infamous disease did these bacteria cause?

ANSWER: bubonic plague [prompt on "plague" or "Black Death"]

c. Name the complex antibiotic produced in *Streptomyces orientalis* that is used only as a "last resort" in treating infections.

ANSWER: vancomycin

22. 30-20-10. Identify the Pope.

30: He is the author of *Morals from the Book of Job* and he reigned from 590-604.

20: He composed music and establish a school of music at which he taught.

10: He is known as "the Great" and he is most famous for his chants.

ANSWER: Gregory I [ACC: Gregory the Great on 20 or 30]

23. Name the authors of these similarly titled works, for 15, or from more famous novels for 5.

a. 15: *The Lady of the Lake*

5: *Ivanhoe*

ANSWER: Sir Walter Scott

b. 15: *The Portrait of a Lady*

5: *The Turn of the Screw*

ANSWER: Henry James