

SEMIFINALS (ROUND 14): TOSSUPS

Bulldog High School Academic Tournament VII

1. Born in Canton, China in 1917, he immigrated to the United States in 1935. He studied architecture at MIT and Harvard. His massive projects include the Mile High Center and the John Hancock Tower. FTP, name this architect whose projects also include the rebuilding of the Louvre.

ANSWER: Ieoh Ming Pei

2. The Pontic Mountains run through the north of this country, and the Taurus Mountains through the south. Its principal rivers include the Goksu and the Seyan. Its highest mountain is Mount Ararat, at over 5100 meters. FTP, name this Eurasian country whose largest city was the subject of a song covered by They Might Be Giants.

ANSWER: Republic of Turkey

3. Jeanna Elfman plays as a San Francisco yoga instructor and dog trainer who attacks life unconventionally. She goes out with a U.S. Attorney, played by Tom Gibson, and by the end of the first date, they're married. Hijinks ensue as these lovers from two different worlds commit to each other and their marriage. FTP, name this ABC television show.

ANSWER: Dharma and Greg

4. Lacking one of these, a Florida prisoner challenged his breaking and entering conviction to the Supreme Court. In response, the Attorney General solicited states to file *amicus* briefs. They overwhelmingly supported plaintiff Clarence Ray Gideon. FTP, what did Gideon lack in his first trial, something the Supreme Court decided was mandated by the Sixth Amendment in *Gideon v. Wainwright*?

ANSWER: defense attorney or counsel or lawyer (etc.)

5. Eight Nobel Prizes in Chemistry have been awarded for work on this compound and its derivatives. Synthesized in the body from squalene [SKWAY-lean], the proportion of this compound in membranes helps determine their rigidity. FTP, name this steroid which doesn't belong in arteries.

ANSWER: cholesterol

6. Instrumental in fighting for radical land reform, this physician helped found Prensa Latina, Cuba's state news agency. As Castro's chief lieutenant, he commanded the victory at Santa Clara in December 1958 that forced Fulgencio Batista into exile. FTP name this Argentine socialist who organized unsuccessful revolutions throughout Latin America until his 1967 execution in Bolivia.

ANSWER: Ernesto "Che" Guevara de la Serna

7. It can mean to twist together or to keep furnishing or supplying something. Generally, it is one of several layers that are somehow attached together. This toilet paper with three of these is nice and soft and thick. And if a chess computer can look ahead 16 of these, it can see 8 moves ahead. FAQTP, what is this 3-letter word or its plural?

ANSWER: ply or plies

8. His Latin works include *De Viris Illustribus* and *De Vita Solitaria*, but he is best known for his collections of verses, *I Triumfi* and *Rime in vita e morte di Madonna Laura*. FTP, name this Italian poet, a pioneer in rediscovering the Latin classics, and friend of Boccaccio and the popularizer of the sonnet.

ANSWER: Petrarch or Francesca Petrarca

9. He defended Socialist Eugene Debs in an 1894 labor strike case, but better publicized was his defense of Loeb and Leopold in their 1924 trial for the murder of Bobby Franks. This, however, was no match for circus atmosphere of Dayton, Tennessee FTP name this labor lawyer who defended teacher John T. Scopes in the legendary Monkey Trial.

ANSWER: Clarence Seward Darrow

10. Younger than Mozart at his death, this fast-living composer of six *Masses* and *Der Winterreise* succumbed to syphilis contracted from a prostitute. FTP, name this Austrian *lieder* composer, a contemporary of Beethoven who penned such works as *Der Schwan-en-ge-sang* and *Die Schöne Mullerin*.

ANSWER: Franz Schubert

11. In 1792 she left England to observe the French Revolution in Paris, where she passed as the wife of an American, Captain Gilbert Imlay. That same year she argued that “mind has no sex” in *A Vindication of the Rights of Woman*. FTP, name this Enlightenment feminist who died giving birth to the author of *Frankenstein*.

ANSWER: Mary Wollstonecraft

12. This mega-corporation consists of a beverage division and a snack division. It used to have a restaurant division that included Taco Bell, Pizza Hut, and KFC, but that was spun off into a separate company called TriconGlobal. FTP name this giant corporate entity that makes Frito Lay snacks and markets its trademark soda to “Generation Next.”

ANSWER: PepsiCo, Incorporated [prompt on Pepsi]

13. While his uncle was Prime Minister, this Conservative earned the alliterative nickname “bloody” for his opposition to Irish home rule. Prime Minister himself from 1902 to 1905, he gained more notoriety by writing a letter to Baron Rothschild in 1917. FTP identify this author of the declaration that pledged British aid for Zionist efforts to establish a Jewish homeland in Palestine.

ANSWER: Arthur James Balfour, 1st Earl of Balfour (of Whittingehame)

14. The diagonal line running from upper left to lower right is the Main Sequence. Stars lying on it are blue when bright and red when dim. Stars in the upper right, Red Giants, are very bright, but still appear red. Stars near the bottom, or White Dwarfs, are white, but dim. FTP, name this diagram for stellar analysis developed independently by a Dane and an American.

ANSWER: Hertzsprung-Russell diagram or H-R diagram

15. 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]

16. He met his partner in an act where one man juggled plungers and the other one recited a poem about an obscure poet. This guest star on *Lois and Clark* and contributor to *PC Computing* doesn't want to be called a “magician.” FTP identify this man who pokes fun at David Copperfield while performing magic tricks with Raymond Joseph Teller.

ANSWER: Penn Jillette

17. Poseidon once sent a snow-white bull to Crete to be sacrificed in his own honor. But the king would not do so, and kept the bull. As punishment, Poseidon made the king's wife Pasiphae fall in love with the bull. The resulting offspring of this union was fed Athenian youths as a sacrifice. For ten points, name this monster who lived in the center of the Labyrinth.

ANSWER: the Minotaur [HN: thankfully, he took after the father....]

18. On September 23, 200 people were killed. On September 19, the government killed 19 Islamic militants; five days earlier, another 11 were killed. And on August 29, 300 were massacred in this north African country bordering Libya. FTP, name this nation, where the government is fighting the Armed Islamic Group.

ANSWER: Algeria

19. Discovered in 1825, it states that the line integral of a magnetic field along a closed path is proportional to the net electric current enclosed therein. FTP, name this law, a recasting of the Biot-Savart law, revised by Maxwell, which shares its name with the SI unit for current.

ANSWER: Ampere's law [AHM-pair, but be nice]

20. One of the officers of the *Patna*, he frantically abandons ship as it appears to sink, leaving the passengers—800 Moslem pilgrims—to apparently certain death. After the ship survives, he becomes an outcast, but obtains some self respect in a busy, useful life among the natives of Patusan. At novel's end, he is executed for a murder he did not commit. FTP, name this Joseph Conrad title character.

ANSWER: Lord Jim

21. Knowing his troops were outnumbered 2 to 1, this general capitalized on his superior cavalry, using them for a "double envelopment" maneuver: the center infantry fell back so that flanks could encircle and destroy the attackers. This tactician was a famed Carthaginian general who fought against Rome in the Second Punic War. FTP name this man associated with Zama and elephants.

ANSWER: Hannibal

22. Types include Angora, Belgian, Himalayan, lop, Patagonian, Polish, and Flemish. Around 1860, seven were introduced at Invercarvill, Australia, and became a serious problem. The advent of myxomatosis, a virus fatal only to them, helped cut their numbers, but it spread to Europe and killed many there. FTP, name this cute, long-eared animal of order *Lagomorpha*.

ANSWER: rabbits [ACC: reasonable equivalents]

23. Born in 1894 he was one of two famous authors who died the same day as John Kennedy. His grandfather coined the term "agnostic" and was known as "Darwin's Bulldog." FTP name this author of *Antic Hay*, *After Many a Summer Dies the Swan*, *Eyeless in Gaza*, and *Brave New World*.

ANSWER: Aldous Huxley

SEMIFINALS (ROUND 14): BONI

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1. Many foreign phrases are commonly used in the United States. Given the language of origin and its meaning, identify the foreign phrase.

- a. Greek, "I have found it."
ANSWER: eureka
- b. French, an easing or relaxation of strained relations
ANSWER: détente
- c. Latin, something given or received for something else
ANSWER: quid pro quo

VISUAL BONUS

2. Name the title or artist of the work for the stated number of points.

- 5: Item A.
ANSWER: Andy Warhol or Andrew Warhola
- 10: Item B.
ANSWER: Edouard Manet or Luncheon on the Grass [ACC: Le Déjeuner sur l'herbe]
- 15: Item C, parts of the same work.
ANSWER: Matthias Grünewald or Isenheim Altarpiece

3. The Newbery Medal is awarded for "the most distinguished contribution to American literature for children." 15 points each, name these winners from an author, 10 from a description.

- a. 15: Susan Cooper
10: The fourth installment of the series *The Dark is Rising*, this 1976 winner has young Will Stanton join Bran, a Welsh boy, to help the forces of Light defeat those of the Dark.
ANSWER: The Grey King
- b. 15: Robert C. O'Brien
10: This 1972 winner has non-humans Justin and Nicodemus. A mouse must seek the help of escapees from the National Institute of Mental Health to save her home and family.
ANSWER: Mrs. Frisby and the Rats of NIMH

VISUAL BONUS.

4. You will be shown three organic molecules. Black bonds are carbon-carbon single bonds; gray bonds are double bonds. For 10 points each, identify each compound.

- a. [Model #1] ANSWER: pentane
- b. [Model #2] ANSWER: butane
- c. [Model #3] ANSWER: cyclohexane

5. The pen may indeed be mightier than the sword. Answer the following, 15 points each.

- a. After a relative of Wilhelm I withdrew a claim to the Spanish throne, the French ambassador asked Wilhelm for assurances the claim would never be renewed. Wilhelm refused and sent this telegram to Bismarck, which Bismarck leaked to insult the French, who took the bait and declared war.

ANSWER: the Ems dispatch or telegram

- b. Germany wound up on the wrong end of a leaked document in 1917, when this secret message requesting that Mexico attack the US was made public.

ANSWER: the Zimmermann note

6. Given a quote, identify the book of the Bible, 10 points each.

- a. "Nation shall not lift up a sword against nation, neither shall they learn war any more."

ANSWER: Isaiah 2:4

- b. "O Man, greatly beloved! Fear not, peace be unto thee, be strong. Yea, be strong!"

ANSWER: Daniel 10:11

- c. "And I saw a new heaven and a new earth, for the first earth and the first heaven were passed away."

ANSWER: Revelation [ACC: Revelations]

AUDIO BONUS

7. 30-20-10. Identify the 20th century composer from clips.

30: [Clip #1: *Missa brevis*]

20: [Clip #2: *Chichester Psalms*]

10: [Clip #3: *West Side Story*]

ANSWER: Leonard Bernstein

8. For 10 points each, calculate the *indefinite* integrals of the following two functions. Assume the constant of integration is zero. *You have 15 seconds per part.*

- a. sine of x ANSWER: $-\cos x$ [negative cosine of x]

- b. 1 over x ANSWER: $\ln x$ [natural log of x]

- c. The integral of $1/x$ cannot be calculated at $x = 0$. For 10 points, what term is given to such integrals?

ANSWER: improper

9. Yes, the Hundred Years' War lasted over 100 years, and no, it wasn't just one war. Ten points each, name these battles from descriptions.

- a. During the second English invasion of France, English bowmen unexpectedly clobbered mail-clad French knights in 1346.

ANSWER: Crecy

- b. The Black Death interrupted the war, but in 1356 the English invaded again and, again, their archers won a major victory.

ANSWER: Poitiers

- c. After sixty years of war and peace, in 1415 Henry V defeated a much larger French force.

ANSWER: Agincourt

VISUAL BONUS.

10. You have before you copies of three album covers. FTP each, specify the cover and name the artist.

- a. Album A ANSWER: The Clash
- b. Album B ANSWER: David Bowie
- c. Album C ANSWER: Chemical Brothers

11. Identify the playwrights from works, 10 points each.

- a. *Happy Days and Krapp's Last Tape* ANSWER: Samuel Beckett
- b. *Caligula and Requiem for a Nun* ANSWER: Albert Camus
- c. *The Bald Soprano and Rhinoceros* ANSWER: Eugene Ionesco

12. For 10 points each, identify the US President who appointed the following Supreme Court Justices.

- a. Byron "Whizzer" White ANSWER: John Fitzgerald Kennedy
- b. John Paul Stevens ANSWER: Gerald Rudolph Ford, Jr.
- c. David Souter ANSWER: George Herbert Walker Bush

13. Answer the following questions about American Labor for fifteen points each.

- a. This man headed the United Mine Workers of America from 1929-1960. He became the first president of the CIO in 1936. Name this fierce activist whose successful coal strikes helped inspire conservatives to pass the restrictive Smith-Connally and Taft-Hartley acts.
ANSWER: John L. Lewis
- b. Founded by Uriah S. Stephens, this organization was the first prominent national labor organization in America. Its membership reached a peak of 700,000 members in 1886, but it eventually succumbed to nationwide anti-union sentiment and internal member dissatisfaction.
ANSWER: The Noble Order of The Knights of Labor

14. 30-20-10. Identify the author.

- 30: Born in Wales, he graduated from Repton, a renowned British public school, worked in Dar es Salaam, and was seriously injured as a fighter pilot in World War II, before becoming assistant air attache in Washington. Soon afterward he published stories about his flying career.
- 20: His first book, *The Gremlins* was written for Walt Disney and later became a popular movie. He later wrote the script for *Chitty Chitty Bang Bang* and his book *Charlie and the Chocolate Factory* was turned into *Willy Wonka and the Chocolate Factory*.
- 10: Among other recently-filmed works are *Matilda* and *James and the Giant Peach*.
ANSWER: Roald Dahl

15. Identify the type of force from clues, 10 points each.

- a. This is the term given to any interaction force caused by touching of two surfaces.
ANSWER: contact forces
- b. When a body is pressed against a surface, the body experiences *this* force that is perpendicular to the surface.
ANSWER: normal force
- c. This term describes any force for which total energy is conserved.
ANSWER: conservative force

16. Identify these figures from Egyptian mythology from a brief description for ten points each.

- a. The god of the underworld and judge of the dead, a son of Geb and Nut.
ANSWER: Osiris
- b. The goddess of motherhood and fertility, she was the sister and wife of Osiris.
ANSWER: Isis
- c. The god of darkness and evil, he was the brother and enemy of Osiris.
ANSWER: Set or Seth

17. For 10 points each, given the country, name the capital, which all *end* with the letter "A."

- a. Slovakia ANSWER: Bratislava
- b. Bangladesh ANSWER: Dhaka
- c. Eritrea ANSWER: Asmara

18. Answer these questions which may or may not be related, 10 points each.

- a. What physical phenomenon is the lagging of an effect on a body behind its cause, such as elongation?
ANSWER: hysteresis
- b. What is the term for the surgical removal of the uterus?
ANSWER: hysterectomy
- c. What Titan was the father of the sun god Helios?
ANSWER: Hyperion

19. Answer the following about recent events involving Harvard-graduate Theodore Kaczynski for 10 points each.

- a. Spell Theodore's last name.
ANSWER: K-A-C-Z-Y-N-S-K-I
- b. What item did he use to attempt suicide on January 8, 1998?
ANSWER: underwear or some equivalent
- c. What Yale professor and Unabom victim wrote a book on his ordeal?
ANSWER: David Gelernter

20. Given the name of a country as it was known in ancient Rome, identify the modern name, for the stated number of points.

- 5: Gallia ANSWER: France
- 10: Lusitania ANSWER: Portugal
- 15: Illyricum ANSWER: Slovenia or Croatia

21. 30-20-10. Identify the writer from clues.

- 30: He abandoned his career as a samurai to pursue more tranquil poetic endeavors.
- 20: He travelled widely in Japan and competed in competitions with local poets composing *renga*, or linked verse.
- 10: He invented the quintessential Japanese poetic form, the haiku.
ANSWER: Matsuro Basho or Matsuro Munefusa

22. 30-20-10. Identify the edible thing.

30: Any of several type of trees belonging to the genus *Citrus* and family *Ru-ta-ce-ae* or the fruits they produce.

20: Varieties include the China, or common, the Seville, or sour, the Maltese, or blood, and the Jaffa.

10: 40% of the US crop goes to make frozen, concentrated juice and they are a source for punchlines to bad knock-knock jokes. Byproducts of production include marmalade and candied peels.

ANSWER: oranges

23. For 10 points each, answer these questions about the Tour de France.

a. Who won the 1997 Tour?

ANSWER: Jan Ullrich

b. Who repeated as "King of the Mountains"?

ANSWER: Richard Virenque

c. For 5 points each, what color jerseys do the leader of the tour and the sprint leader wear?

ANSWER: green and yellow