



National Academic Quiz Tournaments, LLC

Speed Check Series #45
Packet 11

Tossups

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1. What royal name was shared by the father of England's Elizabeth II, a king with a stutter, and the king of England during the Revolutionary War?

answer: George (accept George VI or George III) [George VI is the focus of the movie The King's Speech.]

<366764>

2. What university's president, Teresa Sullivan, suspended all fraternities until January 9 following a Rolling Stone story about an alleged gang rape?

answer: University of Virginia (prompt on "UVA")

<372566>

3. An acceleration equal to the distance from the axis of rotation times the rotation rate squared is produced by what fictitious, "center-fleeing" force?

answer: centrifugal [sen-TRIH-"few"-gul or sen-trih-"FEW"-gul] force (accept centripetal force before "fictitious"; do not accept or prompt on "centripetal (force)" after "fictitious")

<366608>

4. What man nearly crashes his car while imagining surgery on a millionaire's "obstrosis [ob-stree-OH-siss] of the ductal tract" in a story about his "Secret Life?"

answer: Walter Mitty (accept either underlined name; accept The Secret Life of Walter Mitty)

<366831>

5. What philosopher wrote about the "kingdom of darkness" in the fourth part of his 1651 book that also discusses the "Christian commonwealth," Leviathan [luh-VYE-uh-thun]?

answer: Thomas Hobbes ["Hobbs"]

<366668>

6. Pencil and paper ready. What is the height of a right circular cylinder whose volume is 325 pi and whose base has a radius of 5?

answer: 13 [V = B x h = pi x r^2 x h, so 325 pi = pi x 5^2 x h, so 325 = 25h, and h = 13]

<310364>

7. What successor to Ahmed Hassan al-Bakr [BAH-kur] in 1979 and father to Uday [OO-day] and Qusay [KOO-say] was overthrown from power in 2003 during the U.S.-led invasion of Iraq?

answer: Saddam Hussein [suh-DAHM hoo-SAYN] (Abd al-Majid al-Tikriti) (accept either underlined name)

<370516>

8. What grain crop in genus *Chenopodium* [KEE-noh-"podium"] has seen export prices triple since 2006, letting Andean farmers benefit from its protein-rich "superfood" status?

answer: quinoa [KEEN-wah]

<372616>

9. What compound found in Fenton's reagent is broken down by the enzyme catalase [KAT-uh-"lace"] into hydrogen and oxygen, and is a bleaching agent with formula H_2O_2 ["H two O two"]?

answer: hydrogen peroxide (or H_2O_2 before "H₂O₂"; prompt on "peroxide")

<342916>

10. What team, which hired former Indianapolis coach Bruce Arians ["AIR"-ee-inz] as its head coach in 2013, stars wide receiver Larry Fitzgerald and plays in Glendale?

answer: Arizona Cardinals (accept either)

<371649>

11. What author wrote about Sir James Chettam's efforts to woo the oblivious Dorothea Brooke in *Middlemarch* and depicted a lonely weaver in *Silas Marner* ["SIGH"-lus MAR-nur]?

answer: George Eliot (or Mary Anne Evans or Marian Evans)

<362440>

12. António Egas Moniz won a Nobel Prize for developing what controversial procedure in which a surgeon severs connections of the prefrontal cortex?

answer: lobotomy (or lobotomies or prefrontal leukotomy or leukotomies)

<366756>

13. What island, which was conquered by Robert Guiscard [roh-"bear" ghee-"scar"] and later by the Expedition of the Thousand, was the original home of the *mafia* and is in Italy?

answer: Sicily (or Sicilia)

<368686>

14. What island, whose eastern part is home to Montauk [MAHN-tahk] and The Hamptons, is also home to LaGuardia [lah-GWAR-dee-ah] Airport and the boroughs of Queens and Brooklyn?

answer: Long Island

<368207>

15. What American, whose motto "No ideas but in things" is repeated in his epic poem *Paterson* ["Patterson"], depicted an item "glazed with rain" in "The Red Wheelbarrow"?

answer: William Carlos Williams

<366780>

16. A hole in the primary passes light from the secondary in the Cassegrain [KASS-uh-"grain"] design of what device that gathers and focuses light, for instance from stars?

answer: (reflecting or optical or Cassegrain) telescope (accept Cassegrain reflector; do not accept or prompt on "refracting telescope")

<366597>

17. While fighting the HMS *Serapis* in 1779, what Scottish-born captain shouted, "I have not yet begun to fight!" at the helm of the USS *Bonhomme Richard* [bahn-hohm ree-shard]?

answer: John Paul Jones (or John Paul)

<370850>

18. What teenager takes Sally Hayes skating at Rockefeller Center and secretly visits his sister Phoebe [FEE-bee] in J. D. Salinger's novel *The Catcher in the Rye*?

answer: Holden (Morrisey) Caulfield (accept either underlined name)

<360867>

19. Pencil and paper ready. Two answers required. What *two* consecutive, positive multiples of 3 have a product of 270?

answer: 15

18 (accept answers in either order; do not accept or prompt on partial answers)

[$x(x + 3) = 270$, so $x + 3x - 270 = 0$, so $(x - 15)(x + 18) = 0$, and $x = 15$. Alternatively, $\sqrt{270}$ is between 16 and 17, so the answers must be close to those values, and one must provide a factor of 5.]

<310361>

20. What man, who served for seven years as secretary of war under James Monroe, represented South Carolina in the Senate and advocated for nullification?

answer: John C(aldwell) Calhoun

<366674>

21. What city built on Parel [pah-REL], Colaba [KOH-lah-bah], Mahim [MAH-heem], and four other islands, is the center of the Bollywood [BAH-lee-"wood"] film industry and is the most populous city in India?
answer: Mumbai [moom-BYE] (or Bombay) <36693>
22. Religious tests for office are banned by what Constitutional article that also assumes state debts, states the Supremacy Clause, and is next-to-last?
answer: Article VI ["six"] (or Sixth Article) <368932>
23. Romansh [roh-MAHNCH] is spoken by 1% of the people of what country that is divided into cantons [KAN-tahns] and has the headquarters of the WHO ["W-H-O"] and WTO in its city of Geneva?
answer: Switzerland (or Swiss Confederation or Schweiz or Schweizerische Eidgenossenschaft or Confederation Suisse or Confederazione Svizzera or Confederaziun Svizra) <312308>
24. What man, who as minister to Britain helped write the Ostend Manifesto, served as president from 1857 until 1861, immediately before Abraham Lincoln?
answer: James Buchanan (Jr.) <366675>
25. What author of *Notes from Underground* created the student Raskolnikov [rah-SKOHL-nih-kov], who murders a pawnbroker and faces the consequences in *Crime and Punishment*?
answer: Fyodor (Mikhailovich) Dostoyevsky [dahs-tuh-YEFF-skee] <372524>
26. A cholecystectomy [KOH-leh-sis-TEK-tuh-mee] is the removal of what pear-shaped organ found beneath the liver that stores bile and can fill up with namesake, painful stones?
answer: gallbladder (prompt on "cholecyst"; do not accept or prompt on "bladder") <368825>
27. What man, whose writings were condemned by the papal bull *Exsurge Domine* [ek-SOOR-jay DOH-mee-nay], was excommunicated by Pope Leo X ["the tenth"] and started the Protestant Reformation?
answer: Martin Luther <348675>
28. What painter, whose 1903 work *The Old Guitarist* exemplifies his "Blue Period," depicted objects from multiple viewpoints in his Cubist artworks?
answer: Pablo (Ruiz y) Picasso <321859>
29. What animal is asked "In what furnace was thy brain?" and is said to have "fearful symmetry" in a William Blake poem that describes it as "burning bright?"
answer: tigers (or Panthera tigris; accept The Tyger; accept Tyger Tyger, burning bright) <372025>
30. Which line segments pass through a triangle's vertices [VUR-tih-seez], intersect at the orthocenter ["OR"-thoh-"center"], and create right angles with the sides opposite those vertices?
answer: altitudes <364595>
31. An aluminum pyramid tops what marble obelisk designed by Robert Mills that stands on the National Mall and is named for the first president?
answer: Washington Monument (prompt on "Washington") <371869>
32. What country, whose cities of Enugu [en-OO-goo] and Port Harcourt were once part of Biafra [bee-AFF-rah], has its capital at Abuja [uh-BOO-juh] and is the most populous country in Africa?
answer: (Federal Republic of) Nigeria <368227>
33. What city was the namesake of 1935 laws depriving Jews of rights, the site of several Nazi Party rallies, and the site of trials of Nazi leaders?
answer: Nuremberg (or Nürnberg; accept Nuremberg laws or Nuremberg trials) <368762>

34. What rapper, who recorded the songs “Dear Mama,” “How Do U Want It,” and “California Love,” was shot to death after a Mike Tyson fight in Las Vegas in 1996?

answer: Tupac (Amaru) Shakur [TOO-pahk shah-KOOR] (accept either underlined name)

<362541>

35. Carnot's [kar-noh'z] theorem results from, and Maxwell's Demon violates, what law that Rudolf Clausius stated as, “The entropy of the universe tends to a maximum?”

answer: second law of thermodynamics (prompt on “law(s) of thermodynamics” or “Second Law”)

<368175>

36. What composer of *Peter Grimes* gave each variation on a theme by Henry Purcell [PUR-sul] to a different instrument in *The Young Person's Guide to the Orchestra*?

answer: (Edward) Benjamin Britten, Baron Britten of Aldeburgh

<356469>

37. What leader sent troops to Mali in Operation Serval and separated from Valérie Trierweiler [vaa-luh-ree treer-veh-“lair”] after succeeding Nicolas Sarkozy [nee-koh-lah sar-koh-zee] as president of France?

answer: François (Gérard Georges Nicolas) Hollande [frahn-swah oh-lahn]

<372547>

38. What city that contains a Planet Hype restaurant at the South Street Squidport and a Kwik-E-Mart managed by Apu is the setting of *The Simpsons*?

answer: Springfield

<368371>

39. Two systems with the same temperature exhibit the “thermal” form of what state, whose “chemical” form occurs when forward and reverse reactions balance?

answer: equilibrium (accept thermal equilibrium or chemical equilibrium)

<366611>

40. *Pilgrim's Progress* is the source of what term for writers like Ray Stannard Baker, Lincoln Steffens [“Stevens”], and Ida Tarbell who exposed corruption?

answer: muckrakers or muckraking writers

<366614>