



National Academic Quiz Tournaments, LLC

Speed Check Series #69
Packet 1

Tossups

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1. What state, where Denmark Vesey [VEE-zee] planned a slave rebellion, was the first to secede from the U.S. and is home to Fort Sumter in Charleston harbor?
answer: South Carolina <521822>
2. What five-letter word for an Icelandic letter representing the "th" [T-H] sound follows "haw" in the name of a shrub and can refer to the spines found on roses?
answer: thorn(s) (accept hawthorn after "haw") <527154>
3. What quantity's "elementary" value was measured in the Millikan [MIH-ih-kun] oil-drop experiment, can be expressed in coulombs [KOO-lohms], and for electrons is negative?
answer: electric charge <524098>
4. What pope published the *Catechism* [KAT-ih-kiz-um] of the Catholic Church and officially apologized for the persecution of Galileo [GAL-ih-LAY-oh] during his tenure in the 1990s?
answer: (Saint) Pope John Paul II (or Karol Józef Wojtyła; prompt on "John Paul"; do not accept or prompt on "John" or "Paul") <513599>
5. What art movement's painters included Marie Bracquemond [brahk-MAHND], Berthe Morisot [bairt moh-ree-ZOH], and Mary Cassatt [kuh-SAT], as well as the painter of *Water Lilies*, Claude Monet [moh-NAY]?
answer: impressionism (or *l'impressionisme*; accept impressionists or impressionist movement) <519656>
6. What character, who was named for Nintendo's lawyer, is a native of Planet Popstar who often fights King Dedede [dee-dee-dee] and is able to inhale his enemies?
answer: Kirby <538097>
7. What organelle [OR-guh-NEL], in which RuBisCo [roo-BISS-koh] catalyzes carbon fixation as part of the Calvin cycle, contains thylakoids ["THIGH"-luh-koyds] and carries out photosynthesis in plants?
answer: chloroplast(s) [KLOR-uh-plast] <525218>
8. In what year was the Schlieffen [SHLEEF-un] Plan activated after Germany declared war on France, after the murder of Archduke Franz Ferdinand began World War I?
answer: 1914 <511363>
9. Vinson Massif [VIN-son mah-SEEF] is on what continent that has the highest average elevation, is surrounded by the Southern Ocean, and has the coldest climate?
answer: Antarctica <526391>
10. What force, whose study is called tribology ["try"-BAH-luh-jee], has a magnitude of at most a coefficient mu ["mew"] times the normal force, and slows down a sliding object?
answer: (kinetic) friction(al force) (accept coefficient of (kinetic) friction; accept (coefficient of) static friction(al force) before "sliding") <524036>

11. What city was home to Tempelhof airport, which was used to receive goods during a 1940s Soviet blockade, and was divided by a wall from 1961 to 1989?
answer: Berlin (or West Berlin) <526336>
12. What character meets Tom o' Bedlam on a heath, has daughters named Regan, Goneril, and Cordelia, and is the title king of a Shakespeare tragedy?
answer: King Lear <522620>
13. What decade, in which Mr. T starred on NBC's action series *The A-Team*, is the setting of contemporary shows such as *The Goldbergs* and *Stranger Things*?
answer: 1980s <538459>
14. Pencil and paper ready. How many *seconds* does it take to wash *one* dish, if 15 dishes can be washed in 3 *minutes*?
answer: 12 seconds $(((3 \text{ minutes}) / (15 \text{ dishes})) \times (60 \text{ seconds/minute}) = 3 \times 4 = 12 \text{ seconds/dish})$ <537635>
15. Which king, who may have ordered the deaths of the "Princes in the Tower," was succeeded by Henry VII ["the seventh"] after he was defeated at the Battle of Bosworth?
answer: Richard III ["the third"] of England (prompt on "Richard") <509087>
16. What playwright created the fathers Eddie Carbone [kar-BOH-nee] in *A View from the Bridge*, Joe Keller in *All My Sons*, and Willy Loman in *Death of a Salesman*?
answer: Arthur (Asher) Miller <522967>
17. What composer of *The Thunderer*, *Fairest of the Fair*, and *Semper Fidelis* was nicknamed the "March King," and also composed *The Stars and Stripes Forever*?
answer: John Philip Sousa <521840>
18. What condition, whose "fixation" type is a symptom of Korsakoff syndrome, has "anterograde" and "retrograde" types and involves deficits in memory?
answer: amnesia <539867>
19. What ruler replaced the *han* system with prefectures in 1871, a few years after he took power as emperor of Japan in his namesake "restoration"?
answer: Meiji [MAY-jee or may-ee-jee] (or Meiji the Great or Meiji-tenno or Meiji-taitei or Mutsuhito; accept Meiji Restoration) <515828>
20. What object, whose debris causes the Orionid [or-EYE-uh-nid] meteor shower, was observed by its namesake in 1682, will pass near Earth in 2061, and is a comet?
answer: Halley's Comet (or 1P/Halley) <524901>
21. What author of "Vengeful Creditor" wrote about an Igbo [EE-boh] man who hangs himself during the British colonial rule of Nigeria in his novel *Things Fall Apart*?
answer: Chinua Achebe [CHIN-wah ah-CHAY-bay] (or Albert Chinualumogu Achebe) <523153>
22. What daughter of Zeus, celebrated with her mother in the Eleusinian [el-you-SIN-ee-un] mysteries, ate pomegranate seeds that obliged her to leave each year for Hades?
answer: Persephone [pur-SEH-fuh-nee] <521923>
23. What layer of the atmosphere from which Joseph Kittinger made a 20-mile-high skydive in 1960 lies above the troposphere [TROH-poh-"sphere"] and contains the ozone layer?
answer: stratosphere [STRAT-oh-"sphere"] <514495>

24. The line “We are such stuff / As dreams are made on” is from what play, in which the spirit Ariel is ordered by Prospero to conjure a violent storm?
answer: The Tempest <522619>
25. What newspaper named Sally Buzbee as its executive editor in 2021, has the slogan “Democracy Dies in Darkness,” and is based in the nation’s capital?
answer: The Washington Post (prompt on “WaPo” or “Post”) <538268>
26. What man, who skipped the Constitutional Convention because he “smelled a rat,” gave a 1775 speech in Virginia stating “Give me liberty or give me death”?
answer: Patrick Henry <528582>
27. Actin [AK-tin] and myosin [“MY”-uh-sin] are found in what structures with cardiac and smooth forms plus those connected to bones by tendons that contract to cause movement?
answer: muscles <522989>
28. What politician, who displayed a poster depicting “111 days of hell” and a mountain during the COVID crisis, resigned as the governor of New York?
answer: Andrew (Mark) Cuomo <519104>
29. What river, whose headwaters originate in Lake Itasca [“eye”-TASS-kuh], flows through such cities as Memphis and St. Louis before emptying in the Gulf of Mexico?
answer: Mississippi River <529102>
30. What leader of the Division del Norte [dee-vee-see-OHN del NOR-tay] raided Columbus, New Mexico, prompting John “Black Jack” Pershing to unsuccessfully pursue him into Mexico?
answer: Pancho Villa [PAHN-choh VEE-yah] (or Francisco Villa or José Doroteo Arango Arámbula [dor-oh-TAY-oh ah-RAHN-goh ah-RAHM-boo-lah]) <493339>
31. What 1969 book, whose title character eats five oranges on a Friday, was written by Eric Carle [“carl”] about a ravenous [RAV-uh-nuss] creature that becomes a butterfly?
answer: The Very Hungry Caterpillar <537342>
32. What property, which the Greek mathematician Hippasus [hip-PASS-us] showed the square root of 2 has, means a number *cannot* be written as a fraction of integers?
answer: irrationality (or being irrational; accept irrational numbers or the irrationals) <522606>
33. What country’s San Isidro [sahn ee-SEE-droh] Movement has joined in protests against Miguel Díaz-Canel [meeg-EL DEE-ahz kah-“NAIL”], who in 2021 assumed power as first secretary from Raúl Castro [rah-OOL KAH-stroh]?
answer: Cuba (or Republic of Cuba or República de Cuba) <539929>
34. What author, who wrote about a strike led by fruit pickers in his novel *In Dubious Battle*, also wrote the novels *Tortilla Flat* and *Cannery Row*?
answer: John Steinbeck (or John Ernst Steinbeck Jr.) <534720>
35. What material, discovered accidentally by Roy Plunkett, contains repeating CF₂ [“C-F two”] units and is a polymer commonly found in non-stick cookware?
answer: Teflon (or polytetrafluoroethylene or polytetrafluoroethene; accept PTFE) <538761>
36. What director cast Richard Dreyfuss in the UFO film *Close Encounters of the Third Kind* and made a 1975 film about shark attacks called *Jaws*?
answer: Steven (Allan) Spielberg <537802>

37. What country was once home to the region of Helvetia [hel-VEE-shuh], is divided into cantons [KAAN-tahnz] such as Jura [JOO-rah] and Bern [bairn], and is home to the cities of Zurich and Geneva?

answer: Switzerland (or Swiss Confederation or Schweiz or Schweizerische Eidgenossenschaft or Confederation Suisse or Confederazione Svizzera or Confederaziun Svizra)

<535558>

38. What German philosopher, whose *Groundwork of the Metaphysics of Morals* discusses the categorical imperative, wrote the *Critique of Pure Reason*?

answer: Immanuel Kant

<530665>

39. Pencil and paper ready. What is the value of three-tenths divided by two-fifths, given it is equivalent to three-tenths *multiplied* by five-halves?

answer: 3/4 or 0.75 [$(3/10)/(2/5) = (3/10) \times (5/2) = (3/2) \times (1/2) = 3/4$]

<528231>

40. In 1676 what colony's governor William Berkeley fought a mixed-race rebellion led by Nathaniel Bacon that led to the burning of Jamestown?

answer: Virginia (or Commonwealth of Virginia)

<518467>