



2024-25 Post-Secondary Late Fall Tournament (T1) – Pack 6

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PACK 6

5-Part Blitz

1. What word for a colour originally derives from the Arabic for lapis lazuli, and is cognate to the Italian and Spanish words for blue?
A: **azure**
2. How much energy, in joules, is used by a 6-watt lightbulb in 2 minutes?
A: **720** joules
3. In late medieval Europe, wages rose and peasants prospered after what event drastically reduced the supply of labour in the mid-1300s?
A: **Black Death** (accept: **black plague**) (prompt on: bubonic plague pandemic/epidemic)
4. Soon to become a grandfather, who included tracks like "Renaissance" and "Houdini" on a 2024 album subtitled *Coup de Grâce*?
A: **Eminem** (accept: Marshall **Mathers**) (prompt on: Slim Shady)
5. What city found at the northern side of Port Phillip Bay is the largest city in the state of Victoria?
A: **Melbourne**

Double Jump

6. What organ, where the loop of Henle and glomerulus are found, is made up of functional units called nephrons?
A: **kidney**
7. What molecule is most often used to calculate the glomerular filtration rate and to assess kidney function?
A: **creatinine**

Double Jump

8. In what modern-day country were the Old, Middle, and New Kingdoms ruled by pharaohs?
A: **Egypt**
9. The Old Kingdom of Egypt reached its greatest power under which dynasty, with rulers including Sneferu and Cheops?
A: **Fourth** Dynasty

Set of 4: Blue

10. The waters of what Central American country include the Great Blue Hole?
A: **Belize**
11. What trumpet player's studio albums include *Kind of Blue*?
A: Miles **Davis**
12. Roquefort and gorgonzola are both types of what?
A: blue **cheese**
13. What does the acronym BSOD stand for in the context of a Windows computer crash?
A: **blue screen of death**

Jackpot

14. Part 1: What letter must be added to a word meaning sharpness of intellect to get a word meaning a lack of thought or intelligence?
15. Part 2: In the Collins *Scrabble* dictionary, this is the only letter that does not appear in any legal 2-letter word.
16. Part 3: In English, this letter usually represents a voiced labiodental fricative; however, in German, it is usually voiceless instead.
17. Part 4: In German, this letter usually makes the same sound as an "F". This is the 22nd letter of the English alphabet and visually resembles half of a "W".
A: V

Set of 3: Fictional Geography

18. Golbasto Momarem Evlame Gurdilo Shefin Mulli Ullly Gue is the emperor of what island with capital Mildendo?
A: Lilliput
19. On what continent would you find the provinces of Black Marsh, Valenwood, and Hammerfell?
A: Tamriel
20. What two-word phrase describes places like Algae, New York, which are made up by mapmakers as copyright traps?
A: paper towns (accept: phantom settlements)

5-Part Blitz

21. What is the surface area of a cube of side length 2 units?
A: 24 square units (accept: 24 units squared)
22. What character is known for malapropisms such as "supply and command", "it's not rocket appliances", and "worst case Ontario"?
A: Ricky LaFleur (prompt on: LaFleur)
23. What modern-day country was settled by the American Colonization Society, leading to Black Americans and their descendants holding most of its political power?
A: Liberia
24. The world's longest rail tunnel is located in what country, providing a direct connection to Italy from its largest city of Zurich?
A: Switzerland
25. What is the name for a variant of a gene that is masked by another, dominant variant?
A: recessive gene

END OF FIRST QUARTER

SECOND QUARTER

Splits: Movies of 2024 & Democratic Vocabulary

Movies of 2024

26. Surpassing the record set by *Incredibles 2*, what became the highest-grossing Pixar film of all time in 2024?
A: Inside Out 2

27. What movie sees FBI agent Lee Harker confront the title serial killer, played by Nicolas Cage?
A: **Longlegs**
28. Name both movies released in 2024 that starred Zendaya.
A: **Challengers** AND **Dune: Part Two** (accept: **Dune 2**)
29. In what sequel do Catherine O'Hara, Winona Ryder, and Michael Keaton reprise their roles from 1988's *Beetlejuice*?
A: **Beetlejuice Beetlejuice**

Democratic Vocabulary

30. What "P"-word is a synonym for referendum?
A: **plebiscite**
31. In Westminster parliamentary systems, what "B"-word refers to MPs who do not have a role in either the cabinet or shadow cabinet?
A: **backbencher**
32. What word refers to the minimum number of legislators who must be present in order for a vote to be held?
A: **quorum**
33. What term beginning with "S" refers to a generic speech repeatedly given by a politician running for office?
A: **stump** speech

Double Jump

34. How many hydrogen atoms are found in one molecule of hydrazine, ethylene, acetic acid, or methane?
A: **4**
35. How many hydrogen atoms are in one molecule of the common fruit flavouring ethyl butyrate, or any seven-carbon alkyne?
A: **12**

Double Jump

36. What statesman played a major role in the independence of Spain's South American colonies, earning him the title "The Liberator"?
A: Simon **Bolivar**
37. What novel by Gabriel Garcia Marquez follows the last journey of Simon Bolivar towards the coast prior to his death?
A: *The* **General in His Labyrinth**

Set of 4: The Earth

38. In a descending list of planets by size, where does Earth rank?
A: **5th**
39. What three-word name is given to the farthest-away picture of Earth ever taken?
A: **Pale Blue Dot**
40. Who used the angle of shadows cast in Syene and Alexandria to produce the first estimate of the Earth's circumference?
A: **Eratosthenes** of Cyrene
41. Who narrated the 2006 documentary series *Planet Earth*?
A: **David Attenborough** (prompt on: **Attenborough**)

Set of 4: Flags

42. A flag of what colour is traditionally used to represent surrender?
A: **white**
43. An unusual trait in a partner that is not necessarily good or bad is indicated with what colour flag on social media?
A: **beige** flag
44. Stripes of yellow, white, purple and black make up the pride flag of what specific group?
A: **non-binary** people (accept: **NB** people)
45. A single yellow star on a red field makes up the flag of what country?
A: **Vietnam**

5-Part Blitz

46. "Equal areas in equal times" is a simplification of what law?
A: **Kepler's second** law of planetary motion (prompt on: second law of planetary motion)
47. What kind of ancient Greek play was performed after three tragedies at the Dionysian festival, and is named for the mythological creatures that served as its chorus?
A: **satyr** plays
48. What two-word title was the equivalent of a prime minister in many Islamic monarchies such as the Mughal and Ottoman empires?
A: **grand vizier**
49. A word for an attempt to overthrow the government plus a common preposition equals what word meaning something you might use to save at the grocery store?
A: **coupon**
50. Name any of the three archipelagos that make up the Lesser Antilles.
A: **Windward Islands** OR **Leeward Islands** OR **Leeward Antilles**

END OF FIRST HALF

THIRD QUARTER

Splits: NFL Nicknames & Canadian Poetry

NFL Nicknames

51. Which team, due to a 1998 dance craze, is nicknamed "The Dirty Birds"?
A: **Atlanta Falcons** (accept either bolded part)
52. What tight end, who followed Tom Brady from New England to Tampa Bay, is known by the first five letters of his last name?
A: Rob **Gronkowski** (accept: "**Gronk**")
53. Which team's fanbase, known for jumping into folding tables, calls itself a "mafia"?
A: **Buffalo Bills** (accept either bolded part)
54. Which team's defensive tackle William "The Refrigerator" Perry helped win them the 1985 Super Bowl, their only Super Bowl win among nine league championships?
A: **Chicago Bears** (accept either bolded part)

Canadian Poetry

55. Who used his poem "Suzanne" as the lead track on his debut album and wrote the song "Hallelujah"?
A: Leonard **Cohen**
56. What term is used to describe a group of early Canadian poets including Archibald Lampman, Duncan Campbell Scott, and Charles G.D. Roberts?
A: **Confederation** Poets
57. What poet used "29 Tangos" to organize her poetry collection *The Beauty of the Husband*?
A: Anne **Carson**
58. What author used the imagery of a fish hook going into an eye in the collection *Power Politics*, often seen as a companion piece to her novel *Surfacing*?
A: Margaret **Atwood**

Set of 3: Pacific Island States

59. Kosrae, Yap, Pohnpei, and Chuuk are the four namesake "Federated States" of what country, named for the wider region of Oceania in which it is located?
A: Federated States of **Micronesia**
60. What country must have all of its food imported due to environmental degradation caused by phosphate mining? This 21-square-kilometre country is the smallest in the world outside of Europe.
A: **Nauru**
61. Tupou VI is the current king of what country, the only modern indigenous monarchy among Pacific island nations?
A: **Tonga**

Jailbreak

62. What nickname is shared by Beethoven's 15th Piano Sonata and his 6th Symphony?
A: **Pastoral**
63. What street was the centre of the American advertising industry in the mid-20th century, and inspired the title of a TV series about Don Draper?
A: **Madison** Avenue (reject: **Madison Street**)
64. When he was only eight months old, what Australian king penguin chick gained online notability for being heavier than his parents combined?
A: **Pesto**
65. What modern-day country is the birthplace of Wole Soyinka and Chinua Achebe?
A: **Nigeria**
66. Rounded to one decimal place, what is the square root of 5?
A: **2.2**
67. Increased homelessness during the Great Depression led to what shanty towns appearing across the US, nicknamed after the president at the time?
A: **Hoovervilles**
68. Which long organelles move the cell forward with whip-like motions?
A: **flagella** (accept: **flagellum**)
69. In Norse mythology, the sound of what god's Gjallarhorn ["YALLER-horn"] will signify the beginning of Ragnarok?
A: **Heimdallr**
70. Out of players in the Hall of Fame, who has the most career home runs, and the second-most in MLB history?
A: Hank **Aaron**
71. Some of the most northerly active sand dunes in the world can be found on the shores of what Canadian lake, home to a namesake provincial park?
A: Lake **Athabasca**

72. Which letter is used to represent specific heat capacity?
A: lowercase **c**
73. What non-Sanskrit classical language of the Indian subcontinent is the sacred language of Theravada Buddhism?
A: **Pali**
74. Ads for what insurance company are known for featuring a talking gecko?
A: **GEICO**
75. Alexandria lies on the delta of what river?
A: **Nile** River

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: What world leader caused the Big Bang by settling an antitrust case and abolishing fixed commissions and the single capacity rule?
77. Part 2: This world leader introduced a policy allowing long-term tenants of public housing to buy their apartments at a discounted rate, known as the Right to Buy.
78. Part 3: This leader was forced out of office after pushing an unpopular poll tax known as the "Community Charge", which was initially implemented in only one region of the country. This leader defeated a strike by the National Union of Mineworkers.
79. Part 4: Coal mining was largely shut down in Britain by this prime minister, who deregulated and privatized large parts of the economy throughout the 1980s.
A: Margaret **Thatcher**

4-Part Mystery Link

80. Quotes such as "You can't just ask someone why they're white" and "She doesn't even go here!" appear in what 2004 movie?
A: **Mean Girls**
81. A complex based around a massive circular building in Cupertino, California is the headquarters of what company led by Tim Cook?
A: **Apple**
82. How many degrees is the period of the cosine function?
A: **360** degrees
83. What fashion brand, named after a nickname of Kenny Howard, is famous for its trucker hats?
A: **Von Dutch**

Set of 5: American Painters

84. "Happy little trees" was a favourite phrase of what painter, who hosted the TV show *The Joy of Painting*?
A: Bob **Ross**
85. What painter of *The Oxbow* and *The Course of Empire* was the founder of the Hudson River School?
A: Thomas **Cole**
86. What artist painted Donald Duck hooking his own tail with a fishing pole in *Look Mickey*?
A: Roy **Lichtenstein**
87. The National Portrait Gallery hosts what painter's 2018 portrait of Barack Obama?
A: Kehinde **Wiley**

88. *The Boating Party* and *The Child's Bath* are paintings by what American-born painter who is often grouped with French impressionists?
A: Mary **Cassatt**

12-Part Blitz

89. What narrow country is sandwiched between Ghana and Benin?
A: **Togo**
90. 480 Otis is a four-time winner of what annual competition held by Katmai National Park in Alaska?
A: **Fat Bear Week**
91. Who is told to come and "ransom captive Israel" in a Christmas carol?
A: **Emmanuel** (prompt on: Jesus Christ (either underlined part))
92. In political philosophy, what two-word term refers to an agreement that citizens give up some of their personal freedoms to the government in exchange for protection?
A: **social contract**
93. Invented by the co-founder of Lush Cosmetics, what product consists of a dried mixture molded into various shapes that fizz when dissolved in water to add scents and colour?
A: **bath bomb** (accept: **bath fizzle**)
94. What peninsula separates Green Bay from the rest of Lake Michigan in eastern Wisconsin?
A: **Door** Peninsula
95. Carl Orff drew inspiration from a Latin poem to compose what cantata, which opens and closes with "O Fortuna"?
A: **Carmina Burana**
96. What non-medical professional provides guidance and emotional support for clients during health-related experiences such as childbirth?
A: **doula**
97. What titular elven mage embarks on a quest to learn more about her deceased party member Himmel in an anime subtitled *Beyond Journey's End*?
A: **Frieren**
98. What kind of historical institution was focused on teaching young women social etiquette to prepare them for entry into upper class society?
A: **finishing school** (accept: **charm school**)
99. What scientist used squiggly lines to represent photons in his namesake diagrams, which detail subatomic interactions?
A: Richard **Feynman**
100. In what country could you find Lake Eyre ["air"] and the Murray River?
A: **Australia**

END OF GAME