



2023-24 Post-Secondary Championship (T4) – Pack 5

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PACK 5

5-Part Blitz

1. In late January, the European Union threatened to spark a financial crisis in which member country, thereby forcing it to consent to a new funding package for Ukraine and approve Swedish accession to NATO?
A: **Hungary**
2. Shortly after undergoing spinal surgery, what artist painted *The Broken Column*?
A: Frida **Kahlo**
3. What Greek letter is used to represent the SI prefix micro?
A: **mu**
4. What letter is used to represent inductance or angular momentum?
A: **L**
5. China's Liaoning province borders what other country along the Yalu river?
A: **North Korea** (accept: **Democratic People's Republic of Korea, DPRK**) (reject: Republic of Korea)

Double Jump

6. What cultivar of orange is named for its protruding growth, which resembles a certain human body part?
A: **navel** orange
7. Oranges were created by cross-breeding what two citrus fruits?
A: **pomelos** AND **mandarin** oranges

Double Jump

8. A standard solution of known concentration and volume reacts with the analyte in what common chemistry laboratory technique?
A: **titration** (accept: **titrate, titrating**)
9. Unlike most other forms of titration, whose endpoint is found using a chemical indicator, what kind of device is used to measure the endpoint of a redox titration?
A: **potentiometer**

Set of 4: Criticism

10. What was the highest rating a film could receive on *Siskel and Ebert at the Movies*?
A: **two thumbs up**
11. What critic refers to himself as "the internet's busiest music nerd"?
A: Anthony **Fantano**
12. A movie is considered "certified" what, if at least 80 critics have reviewed it, with at least 75% of them positive, on Rotten Tomatoes?
A: certified **fresh**
13. What 20th-century school of thought is said to have originated critical theory?
A: **Frankfurt** School

Jackpot

14. Part 1: The E-S theory of what condition was developed by Simon Baron-Cohen?
15. Part 2: ABA is a controversial therapy sometimes used for this condition, which is criticized by movements such as Red Instead.
16. Part 3: A 2010 film centred on a woman with this condition named Temple Grandin, who advocated for the humane treatment of livestock.
17. Part 4: Asperger's is a mild form of this disorder, which is characterized by difficulties in social development.
A: **autism** spectrum disorder (accept: **autistic, ASD**) (prompt on: Asperger's Syndrome on Parts 1, 2, and 3)

Set of 3: Sports Trades

Given a list of players and assets, name the player they were once all traded for.

18. Kira Lewis, Jordan Nwora, Bruce Brown, an undetermined 2024 first-round pick, and the Pacers' first-round picks in 2024 and '26.
A: Pascal **Siakam**
19. Jared Goff, the Rams' first-round picks in 2022 and '23, and the Rams' third-round pick in 2021.
A: Matthew **Stafford**
20. Martin Gelnas, Jimmy Carson, \$15 million, and the Kings' first-round picks in 1989, '91, and '93.
A: Wayne **Gretzky**

5-Part Blitz

21. What chancellor led the unification of Germany under the Prussian crown?
A: Otto von **Bismarck**
22. Rounded to the nearest percent, what percentage of data is found within 1 standard deviation of the mean in a normal distribution?
A: **68%**
23. Vientiane and Phnom Penh both lie on the banks of what river?
A: **Mekong** River
24. The ongoing performance in Halberstadt, Germany of a work by what composer is set to end in 2640?
A: John **Cage**
25. The new favourite in Alberta's NDP leadership race is what former mayor of Calgary?
A: Naheed **Nenshi**

END OF FIRST QUARTER

SECOND QUARTER

Splits: British Science Fiction & Etymology

British Science Fiction

26. What author co-wrote the screenplay for the Stanley Kubrick film *2001: A Space Odyssey*?
A: Arthur C. **Clarke**
27. In what novel do machines called tripods, armed with heat rays and black smoke, wreak havoc on Southern England after spreading red weed across the landscape?
A: *The **War of the Worlds***

28. The Bokanovsky process is used to produce test-tube babies of the Gamma, Delta, and Epsilon classes in what dystopian novel by Aldous Huxley?
A: ***Brave New World***
29. Who created the donor clones Ruth and Tommy and the carer Kathy in his novel *Never Let Me Go*?
A: Kazuo ***Ishiguro***

Etymology

30. What three-letter Greek root means "together"?
A: ***syn-***
31. While words for livestock like "pig" and "chicken" are usually Germanic in origin, what language usually names their respective meat products such as "pork" and "poultry"?
A: ***French***
32. From what god's name is "Wednesday" derived?
A: ***Odin***
33. The definite article of what language is retained in many of the words it has given to English, such as "alcohol" and "alchemy"?
A: ***Arabic***

Double Jump

34. The YouTuber Brad Owen creates content about what activity, during which he frequents places like the Wynn and the Bellagio?
A: playing ***poker*** (prompt on: playing *cards*, *gambling*)
35. What activity is the focus of Karen Kavett's YouTube channel, for which she travelled to Spain last year to compete in the world championship?
A: speed ***puzzling*** (accept: solving jigsaw ***puzzles***)

Double Jump

36. A never-ending battle between good and evil is symbolized by the evil spirit Ahriman and the creator god Ahura Mazda in what Iranian religion?
A: ***Zoroastrianism***
37. What name is given to the Zoroastrian community in India, whose ancestors fled the Arab world to avoid persecution by Muslims?
A: ***Parsis***

Set of 4: Drinking

38. What 3-letter word refers to the way a cat or dog drinks water with their tongue?
A: ***lap***
39. In which three Canadian provinces is the legal drinking age 18?
A: ***Alberta*** AND ***Manitoba*** AND ***Quebec***
40. Driving with a G2 licence allows for a maximum of what blood alcohol level?
A: ***0*** percent (accept: ***none***)
41. Someone who abstains from drinking alcohol is referred to by what "T"-word?
A: ***teetotaler***

Set of 4

42. What party won the Chinese Civil War and established the People's Republic of China in October 1949?
A: Chinese **Communist** Party (accept: **CCP**, **Communist** Party of China, **CPC**)
43. The CCP was founded in the aftermath of what series of protests, held in 1919 by students against the Treaty of Versailles?
A: **May Fourth** Movement
44. After being defeated at Jiangxi, the CCP's Red Army embarked on what massive retreat through western China across 1934-'35?
A: **Long March**
45. Which paramount leader of the CCP oversaw the economic reform of China from 1979 onwards?
A: **Deng** Xiaoping

5-Part Blitz

46. What first name was shared by the conductor of the original *Fantasia* soundtrack and Wolfgang Amadeus Mozart's father?
A: **Leopold**
47. The first game in what first person shooter franchise follows a former US Army Special Forces soldier on a tropical archipelago as he searches for a missing journalist?
A: **Far Cry**
48. What French overseas region can be found between Mauritius and Madagascar in the Indian Ocean?
A: Department of **Reunion**
49. At what kind of boundary do two tectonic plates slide past each other?
A: **transform** boundary/fault
50. What country is hosting and mediating ceasefire talks between Israel and Hamas?
A: **Qatar**

END OF FIRST HALF

THIRD QUARTER

Splits: Canadian Highways & Ancient Warfare

Canadian Highways

51. New Brunswick Route 2, Ontario Highway 17, and Western Canada's Highway 1 all belong to what highway system spanning all ten provinces?
A: **Trans-Canada** Highway (accept: **TCH**)
52. The Highway of Tears is a part of what major highway, a northern branch of the Trans-Canada Highway system that runs from Winnipeg to the Haida Islands and is often nicknamed after a pass in the Rockies?
A: **Yellowhead** Highway (accept: Highway **16**)
53. What first name is shared by the monarch who names most of Alberta Highway 2, and her mother, who names a highway linking Fort Erie to Toronto?
A: **Elizabeth**
54. In Quebec, what name is given to the controlled-access highway system similar to the interstate system of the US?
A: Quebec **Autoroute** System

Ancient Warfare

55. Named for a Roman dictator, what strategy sought to wear out the enemy via a war of attrition, rather than engaging in direct and decisive battles?
A: **Fabian** strategy
56. Extensively used both to transport troops and ram enemy ships during the Greco-Persian wars, what Greek warships were named for their three banks of oars?
A: **trireme**
57. The Achaemenid Empire came to an end after losing to Alexander's smaller army at what 331 BC battle?
A: Battle of **Gaugamela**
58. Hoplites were commonly arranged in what formation, in which heavy infantry holding spears or pikes would pack themselves close together and link shields?
A: **phalanx** formation (accept: **phalanges**)

Set of 3: Chords

59. The longest chord of a circle has what name?
A: **diameter**
60. In a major key, the triad built on the seventh, second, and fourth scale degrees makes what kind of chord?
A: **diminished** chord
61. The presence of what structure during embryonic development defines the Chordata phylum?
A: **notochord**

Jailbreak

62. In computer science, what "A"-word refers to the analysis of time complexity knowing that the worst-case scenario will happen very rarely?
A: **amortized** (accept word forms)
63. What kind of textile design, originating in Persia, features patterns of teardrops with curved ends?
A: **paisley**
64. What conflict featured the battles of Plattsburgh and Beaver Dams?
A: The War of **1812**
65. What character narrates the TV show *Riverdale*?
A: **Jughead Jones** (accept either bolded part)
66. Narita and Haneda are the main international airports of what city?
A: **Tokyo**
67. What wading bird is traditionally said to deliver babies?
A: **stork**
68. If the potential difference across a resistor is 5 volts and a 2-amp current flows through it, what is its resistance?
A: **2.5** ohms
69. In the context of fandom, what "H"-word refers to a theory that someone personally holds to be true?
A: **headcanon**
70. Who wrote "I saw the best minds of my generation destroyed by madness" to open his 1955 poem "Howl"?
A: Allen **Ginsberg**
71. Known locally as Tafelberg, what flat-topped mountain overlooks Cape Town?
A: **Table** Mountain
72. The successor states of what Asian empire included the Golden Horde and the Yuan dynasty?
A: **Mongolian** Empire
73. What cartilaginous structure separates the nostrils?
A: nasal **septum**

74. "Find New Roads" is a slogan for what division of General Motors that makes cars like the Malibu, Silverado, and Corvette?
A: **Chevrolet** (accept: **Chevy**)
75. What video game company developed *The Wolf Among Us*, *Minecraft: Story Mode*, and the first three *Walking Dead* games before shutting down in 2018?
A: **Telltale** Games

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: The recording of what song involved Tony Visconti's "multi-latch" system, wherein three microphones were placed at various distances from the singer?
77. Part 2: This song's lyrics reference a time when the singer saw Visconti and his mistress kissing next to the Berlin Wall.
78. Part 3: The German version of this song plays at the end of *Jojo Rabbit*, whereas the main characters seek to identify the original version in *The Perks of Being a Wallflower*.
79. Part 4: This song is the title track on the second album of the "Berlin Trilogy". On this song, David Bowie wishes that his love interest could swim "like dolphins can swim" and proclaims that they can be the title people "just for one day".
A: **"Heroes"**

Streak

80. Aside from the disputed Edward III, name up to any five of the kings of England who have named a play by William Shakespeare.
- A: King **John I** (accept: **John Lackland**)
- A: King **Richard II** (accept: **Richard of Bordeaux**) (prompt on: **Richard**)
- A: King **Richard III** (accept: **Richard of Gloucester**) (prompt on: **Richard**)
- A: King **Henry IV** (accept: Henry **Bolingbroke**) (prompt on: **Henry**)
- A: King **Henry V** (accept: **Henry of Monmouth**) (prompt on: **Henry**)
- A: King **Henry VI** (prompt on: **Henry**)
- A: King **Henry VIII** (prompt on: **Henry**)

Streak

83. Name up to all three of the different Olympic equestrian event types.
- A: **dressage**
- A: **eventing** (accept: **combined training**, **horse trials**)
- A: **show jumping**

Set of 5: American Constitutional Amendments

Given an excerpt from an amendment to the American Constitution, identify the amendment.

84. Congress shall make no law respecting an establishment of religion, or preventing the free exercise thereof; or abridging the freedom of speech, or the press.
A: **1st** amendment
85. The Congress shall have power to lay and collect taxes on incomes.
A: **16th** amendment
86. A well regulated militia, being necessary to the security of a free state, the right of the people to keep and bear Arms, shall not be infringed.
A: **2nd** amendment
87. Nor deny to any person within its jurisdiction the equal protection of the laws.
A: **14th** amendment
88. All persons born or naturalized in the United States, and subject to the jurisdiction thereof, are citizens of the United States.
A: **14th** amendment

12-Part Blitz

89. Who received the first ever Nobel Prize in Physics for being the first person to observe x-rays?
A: Wilhelm **Roentgen**
90. What does the "QR" in "QR code" stand for?
A: **quick response**
91. The recent romcoms *Falling for Christmas* and *Irish Wish* have marked a comeback for what actress, who will also reprise her role as Anna Coleman in an upcoming sequel to *Freaky Friday*?
A: Lindsay **Lohan**
92. What Albanian in the Ottoman army took control of Egypt after Napoleon's withdrawal and ruled it for half a century?
A: **Mohammed Ali** Pasha (prompt on partial answers)
93. The richest man in Asia, what Indian billionaire is the chairman of Reliance Industries?
A: Mukesh **Ambani**
94. What lake contains Canada's southernmost area, Middle Island, just south of Pelee Island and Point Pelee?
A: Lake **Erie**
95. Simplify the square root of 18.
A: **three** times the square **root** of **two**
96. What hairstyle, popular with Black American men until the 1960s, used chemical relaxers to straighten hair?
A: **conk**
97. Sections titled "WMG", "Laconic", and "Nightmare Fuel" can be found on pages of what website, which brands itself as "the all-devouring pop culture wiki"?
A: **TV Tropes** .org
98. What three-word term refers to the part of the sky blocked from deep-space astronomical observations by the centre of the Milky Way?
A: **zone of avoidance**
99. Who used yellow swirls to depict the stars he saw looking out the window of his asylum room in his painting *The Starry Night*?
A: Vincent **van Gogh**
100. What TV show used the euphemism "expecting" instead of "pregnant" to refer to the main character, who had a baby boy on what was then the most-watched episode in American television history?
A: **I Love Lucy**

END OF GAME