



2025-26 Post-Secondary Championship (T3) – Pack 4

Head Editor: *Paul Kasiński*

Writers/Editors: *Nicolas Edwards, Ian Greig, Paul Kasiński, Jenny Mao, Malhaar Moharir, Jack van Nostrand, Joe Su, Isaac Thiessen, Zhongtian Wang*

PACK 4

5-Part Blitz

1. 84 puppies, Pongo, Perdita, and their 15 children make up the title group of what 1961 Disney film?
A: **101 Dalmatians**
2. What anion is present in milk of magnesia, often used as an antacid?
A: **hydroxide** (accept: **OH-**) (reject: **OH**)
3. Who aided Canadian forces before the battle of Beaver Dams by walking 32 kilometers to warn of an impending American attack?
A: Laura **Secord**
4. What two languages are the origin of many popular African-American names, such as Jamal or Antwan?
A: **French** AND **Arabic**
5. The primary competitor of DisplayPort, what kind of connection is used by almost all modern P.C.s, monitors, consoles, and televisions to transmit video data?
A: **H.D.M.I.** connections/cables/ports

Double Jump

6. What mythological figure must we imagine happy, according to a book by Albert Camus that analogizes the hopeless search for meaning in life to endlessly pushing a rock up a hill only for it to roll back down?
A: **Sisyphus**
7. In *The Myth of Sisyphus*, what concept does Camus describe as "a constant confrontation between man and his own obscurity" that consists of acknowledging but not surrendering to the absurd?
A: **revolt**

Double Jump

8. What is the largest city on the island of Oahu and the capital of Hawaii?
A: **Honolulu**
9. What is the largest Hawaiian settlement not on Oahu, located on the east coast of the big island?
A: **Hilo**

Set of 4: Periods

10. What law states that the period is equal to two pi times the square root of the semi-major axis cubed over big G times big M?
A: **Kepler's third** law of planetary motion
11. In degrees, the function $y = 5 \sin 3x + 4$ has what period?
A: **120** degrees
12. What was the fourth period of the Paleozoic era, between the Silurian and Carboniferous?
A: **Devonian** period
13. On a standard English keyboard, what symbol appears on the same key as the period?
A: **greater than** sign/symbol

Jackpot

14. Part 1: What modern-day sea was once the site of a river called the Eridanos? During the last deglaciation, it was covered by an ice lake that gradually turned into the Yoldian Sea and then Lake Ancylus.
15. Part 2: This sea is home to glacial relicts such as the ringed seal, which can survive in part because salinity is so low that its water is nearly fresh.
16. Part 3: This sea is fed by rivers like the Nemen, Daugava, and Neva ["NEE-vuh"].
17. Part 4: This sea is connected to open waters by the Great Belt, Little Belt, and Oresund. Its northernmost region is known as the Gulf of Bothnia, which separates Sweden from Finland.
- A: **Baltic** Sea

Set of 3: Fire

18. In what city were 146 garment workers killed in the 1911 Triangle Shirtwaist Factory fire?
- A: **New York** City (accept: **N.Y.C.**)
19. By what two-word term is the N.F.P.A. 704 standard, a safety symbol for hazardous materials, better known?
- A: **fire diamond** (accept: **safety square**)
20. What species of Homo was the first to use fire?
- A: *Homo* **erectus**

5-Part Blitz

21. What is the dot product of the vector (2, 3, 0) and the vector (5, 0, 4)?
- A: **10**
22. What explorer is the namesake of both the sea found between Australia and New Zealand, and Australia's only island state?
- A: Abel **Tasman**
23. What one-word name is given to shoes in which a single raised platform extends from the heel to the toe?
- A: **wedges**
24. *Ballerina* is the latest installment in what movie franchise starring Keanu Reeves?
- A: **John Wick**
25. Which S.I. base unit is calculated using caesium?
- A: **seconds** (prompt on: s)

END OF FIRST QUARTER

SECOND QUARTER

Splits: Court Painters & 20th-Century Middle Eastern History

Court Painters

26. From 1632 until his death, what Dutchman served as the primary court painter under Charles I, and also names a style of facial hair involving a mustache and goatee?
- A: Anthony **van Dyck**
27. The possibly satirical *Charles IV of Spain and His Family* was created by what court painter?
- A: Francisco de **Goya**
28. Who depicted himself looking directly at the viewer in a painting of Margaret Theresa and her servants called *Las Meninas*?
- A: Diego **Velazquez**

29. Unintentionally leading to the downfall of Thomas Cromwell, whose painting of Anne of Cleves was said to have misled Henry VIII about her appearance?
A: Hans **Holbein the Younger** (prompt on: Hans Holbein)

20th-Century Middle Eastern History

30. What word of Arabic origin was used to describe the ideologies of the Assad family and Saddam Hussein?
A: **Ba'athism** (accept: **Ba'athist**)
31. Retribution for what event was the main purpose of Operation Nemesis, which killed seven people including Talaat Pasha?
A: **Armenian Genocide**
32. Members of what ethnoreligious group made up most of the Kataeb party, which was supported by Israel during the Lebanese Civil War?
A: **Maronite** Christians (accept: **Maronites**) (prompt on: Lebanese Christians)
33. At the 1960 Baghdad Conference, four Middle Eastern countries and Venezuela founded what economic cartel?
A: **OPEC** (accept: **Organization of the Petroleum Exporting Countries**)

Double Jump

34. Mult values increase the player's score as they progress through blinds in what LocalThunk game based on poker?
A: **Balatro**
35. What secret hand, only possible through deck upgrades, is the most powerful hand in the game?
A: **Flush Five**

Double Jump

36. In February 2026, what fast-food chain unveiled a premium bun, creamier mayonnaise, and a clamshell box instead of paper wrap as part of an updated version of the Whopper?
A: **Burger King**
37. What four-word Burger King slogan is featured before "You Rule!" in a jingle beginning "Whopper Whopper Whopper Whopper, Junior Double Triple Whopper"?
A: **"have it your way"**

Set of 4: German Loanwords

Identify the loanword from the description given.

38. A person who shows exceptional talent or ability at an uncommonly young age.
A: **wunderkinds**
39. An undeveloped or unexplored place far from major centres of population.
A: **hinterlands**
40. A situation in which one's position will be made worse no matter what action is taken, especially in chess.
A: **zugzwangs** ["TSOOK-zvong"]
41. A feeling of satisfaction at another person's misfortune.
A: **schadenfreude**

Set of 4

42. Subtitled “Variations and Fugue on a Theme of Purcell”, what suite by Benjamin Britten introduces the different instruments of an orchestra?
A: The **Young Person's Guide to the Orchestra**
43. What composer featured pitched mallet percussion instruments, such as the xylophone and marimba, in his “Schulwerk” pedagogical approach?
A: Carl **Orff**
44. After a music student completes their Grade 10 R.C.M. exam with a mark of 75% or higher, what is the next tier of qualification they can get in music performance?
A: **A.R.C.T.** (accept: **Associate of The Royal Conservatory of Music**)
45. What Englishman first developed a system of hand signs to represent the solfege syllables?
A: John **Curwen**

5-Part Blitz

46. After a four-year apprenticeship, what celebrity failed in her first attempt at the bar exam in November 2025?
A: **Kim Kardashian** (prompt on partial answers) (accept: **Kim K.**)
47. In the late 1800s, what British colonial politician strived to create a railway from Cape Town to Cairo?
A: Cecil **Rhodes**
48. The ratio of the height of the image to the height of the object when working with lenses is referred to by what word?
A: **magnification**
49. What country gives its name to the set of four suits used in the standard 52-card deck?
A: **France**
50. What animal is sometimes referred to as “Gau Mata”, or “mother”, by Hindus, to whom it is sacred?
A: **cows** (accept: **cattle**, **zebus**)

END OF FIRST HALF

THIRD QUARTER

Splits: The Immune System & K-Pop

The Immune System

51. What specific cell receptor on T-cells does the H.I.V. protein gp120 attach to?
A: **CD4** receptor
52. After being created in the bone marrow, T-cells mature in what organ?
A: **thymus**
53. Pharyngeal, tubal, palatine, and lingual are the four types of what immune organs located around the mouth and throat?
A: **tonsils**
54. In what complication of a bone marrow transplant do the transplanted immune cells recognize the new body as foreign, causing widespread organ damage?
A: **graft-versus-host** disease (accept: **G.V.H.D.**)

K-Pop

55. What band's songs “Blue Valentine” and O.O [“ooh”] exemplify their “MIXX POP” style?
A: **NMIXX**

56. BTS sing "Sidestep right, left to my beat / get it, let it, roll" on what smash hit from 2021?
A: **"Butter"**
57. Where does Blackpink claim to be in a catchphrase repeated on many of their songs?
A: "in **your area**"
58. Rapper GloRilla featured on what 2025 hit by j-hope?
A: **"Killin' It Girl"**

Set of 3: Eventful European Cities

Given descriptions of two historical occurrences, identify the city that they are both named after.

59. The diet at which Philip Melanchthon presented a formalized confession of the Lutheran faith, and the peace settlement that allowed German rulers to determine the religion of their states.
A: **Augsburg**
60. The battle at which John II was captured by Edward the Black Prince in 1356, and the battle more commonly called the Battle of Tours.
A: **Poitiers**
61. The peace conference that ceded New France to Britain, and the peace conference that established the League of Nations.
A: **Paris**

Jailbreak

62. What element forms the basis of alternate theories of biochemistry, as it is tetravalent just like the element above it in the periodic table, carbon?
A: **silicon** (prompt on: **Si**)
63. In India, the word "medieval" usually refers to the period between what two empires?
A: **Gupta** Empire (accept: the **Guptas**) AND **Mughal** Empire (accept: the **Mughals**)
64. What country owns Madeira and the Azores?
A: **Portugal**
65. Igneous rocks with high silica content are referred to by what word, contrasted with mafic?
A: **felsic**
66. In what city are the TV shows *Homicide: Life on the Street*, *Hannibal*, and *The Wire* set?
A: **Baltimore**
67. What noun can refer to a societal taboo, a birthmark or scar, or part of the reproductive system of a flowering plant?
A: **stigmas** (accept: **stigmata**)
68. With American support, what country won the Twelve-Day War in 2025, 58 years after winning the Six-Day War?
A: **Israel**
69. Members of what family wrote the poem "To a Skylark" and the novel *Frankenstein*?
A: **Shelley** family (accept: the **Shelleys**)
70. What two adjectives are used to describe the two kinds of keys in R.S.A. encryption?
A: **public** AND **private**
71. What island declared independence from the Republic of Genoa under the leadership of Pasquale Paoli, an event that later inspired Napoleon Bonaparte?
A: **Corsica**
72. The Oromo and Amhara are the largest ethnic groups in what country, which also has Tigray and Somali minorities?
A: **Ethiopia**

73. A little girl's red coat is the only presence of colour in what movie starring Liam Neeson as a Polish industrialist protecting Jews during World War II?
A: **Schindler's List**
74. The name of what e-reader brand is an anagram of "book"?
A: **Kobo**
75. What symbol with four quadrants coloured red, white, yellow, and black is often used to represent Indigenous cultures?
A: **medicine wheels**

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: While attending Texas Tech, what athlete lost a game to Oklahoma 66-59, despite breaking records held by his coach, Kliff Kingsbury, during the game?
77. Part 2: This player overcame the heroics of Gabe Davis to win a second-round playoff game by leading a 13-second game-tying sequence at the end of regulation.
78. Part 3: This player missed the playoffs for the first time in his pro career after a 2025 A.C.L. injury, after which he was replaced by backup Gardner Minshew.
79. Part 4: Travis Kelce catches passes from this quarterback, who has won 3 Super Bowls with the Kansas City Chiefs.
A: Patrick "Pat" **Mahomes**

5-Part Mystery

80. What rapper won the first Grammy ever awarded to a streaming-only album for his *Coloring Book*, which featured hits like "Juke Jam" and "No Problem"?
A: **Chance** the Rapper
81. *Decision to Leave*, *The Handmaiden*, and the original version of *Oldboy* are all films by what director?
A: **Park** ["Pak"] Chan-wook
82. What nickname is commonly used for Major League Baseball's soft salary cap, which makes teams pay a surcharge if their annual payroll exceeds a certain amount?
A: **luxury tax**
83. What TV show followed Nucky Thompson's crime career in 1920s Atlantic City and starred Steve Buscemi?
A: **Boardwalk Empire**
84. What two-player strategy game was one of the "four arts" that scholar-gentlemen were expected to master, along with calligraphy, painting, and playing an instrument?
A: **go**
[Theme: consecutive *Monopoly* spaces]

Set of 4: J.D. Salinger

85. The children of retired vaudeville actors Les and Bessie, what family featured prominently in Salinger's works such as *Franny and Zooey*?
A: **Glass** family/children (accept: the **Glasses**)
86. The Glass family was first introduced in what short story, which depicts the interactions between troubled war veteran Seymour and a child he meets on vacation?
A: "A **Perfect Day for Bananafish**"

87. Ward Stradlater attends what school, which Holden Caulfield is expelled from at the beginning of *The Catcher in the Rye*?
A: **Pencey** Preparatory Academy (accept: **Pencey** Prep)
88. What magazine published many of Salinger's short stories?
A: *The **New Yorker***

12-Part Blitz

89. In what game can you "shoot the moon" by collecting the queen of spades as well as the 13 titular cards?
A: **Hearts**
90. What alliterative term refers to the hypothetical flow of positive charges in a circuit?
A: **conventional current**
91. The Cascajal Block is an artifact from what civilization known for creating giant stone heads?
A: **Olmecs**
92. What kind of vehicle did Air Canada Express Flight 8646 crash into at LaGuardia airport on March 22nd?
A: **fire truck** (accept: **firefighting** vehicle, clear equivalents) (prompt on: emergency vehicle, other equivalents without "fire")
93. In what city's Sleeman Centre were the on-ice scenes in *Heated Rivalry* filmed?
A: **Guelph**
94. The moving part inside a bell that hits against the sides is most often known as what?
A: **clappers**
95. What is the Nahuatl word for "serpent"?
A: **coatl**
96. What kind of object is wielded by characters like Guy Gardner, acting as a conduit for their powers as the superhero Green Lantern?
A: power **ring** (accept: Green Lantern **ring**, green **ring**)
97. What two world capitals sit across the Rio de la Plata from each other?
A: **Buenos Aires** AND **Montevideo**
98. What word refers to periods of excessive speculation during which the prices of stocks climb too high, ending with a crash?
A: **bubbles**
99. What is the chemical formula of phosphorus pentoxide?
A: **P4O10**
100. What is the rhyme scheme of a limerick?
A: **AABBA**

END OF GAME