



2025-26 Post-Secondary Championship (T3) – Pack 8

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 8

5-Part Blitz

1. The third round of demonstrations with what name is taking place today across the United States?
A: **No Kings** demonstrations/rally/rallies/protests
2. What type of cryptocurrency is pegged to the price of an asset or a national currency?
A: **stablecoins**
3. Expressed as a decimal, lines with slope of five over eight are perpendicular to lines with what slope?
A: **-1.6**
4. *Being Legendary*, *History is Written by the Victors*, and the "Miss Chief" alter ego are all creations of what Cree-Canadian artist?
A: Kent **Monkman**
5. What "S"-word can be used for a forward in soccer?
A: **strikers**

Double Jump

6. "I need to go take a shower so I can't tell if I'm crying or not" is a line spoken while on a drug binge by what animated TV character voiced by Will Arnett, an anthropomorphic horse?
A: **BoJack** Horseman (prompt on: Horseman)
7. The line "I don't think I believe in deep down. I kind of think all you are is just the things that you do" is spoken by what other *BoJack Horseman* character, a Vietnamese-American ghostwriter for BoJack's memoir?
A: **Diane Nguyen** (accept either bolded part)

Double Jump

8. What type of piece is often moved to e4 or d4 on the first move of a chess game?
A: white **pawns**
9. After white opens e4, what response by black constitutes the Scandinavian defense?
A: pawn to **d5**

Set of 4

10. The acceleration of what kind of vehicle is equal to the natural log of wet mass over dry mass multiplied by the effective exhaust velocity, according to an equation derived by Konstantin Tsiolkovsky?
A: **rockets**
11. Rockets are powered by what force, which moves them in the opposite direction from the mass they expel?
A: **thrust**
12. What were the first ballistic rockets ever built and the first human objects ever to enter outer space, after which they returned to Earth to bomb civilian targets in London and other Allied cities?
A: **V-2** rockets (accept: **V-2s**) (prompt on: V-rockets, V-weapons)

13. Designed by the same man as the V-2, what is the only rocket ever to carry humans beyond low Earth orbit?
A: **Saturn V** rockets ["Saturn five"] (prompt on: Saturn rockets)

Jackpot

14. Part 1: Who wrote a poem whose opening section describes seeing furniture reflected in a window as night falls? That poem's phrase "the gradual and dual blue" is said to inadvertently evoke the name of an assassin.
15. Part 2: The foreword of a novel by this author was written by the fictional John Ray Jr., Ph.D., who claims to have been asked to edit the book's manuscript after its author died of heart disease in prison.
16. Part 3: A genre-defying work by this author consists of a 999-line poem by the fictitious John Shade along with extensive annotations by his purported friend Charles Kinbote.
17. Part 4: This author of *Pale Fire* also described Humbert Humbert's obsession with young girls he calls "nymphets" in the novel *Lolita*.
A: Vladimir **Nabokov** (prompt on: John Shade (either underlined part) on Part 1 only)

Set of 3: Unusual Births

18. Who emerged as an adult in full armour from her father's forehead, according to Greco-Roman myth?
A: **Athena** (accept: **Minerva**)
19. Who announces that he was delivered via C-section and is therefore "no man of woman born" during a confrontation with Macbeth?
A: **Macduff**
20. Hammerhead sharks and komodo dragons have occasionally been known to engage in what form of reproduction that does not require the participation of a second parent?
A: **parthenogenesis** (prompt on: asexual reproduction)

5-Part Blitz

21. Initially known for content about managing acne and a prolific series of Get Ready With Me videos, what influencer hosts the *Hot Mess* podcast?
A: Alix **Earle**
22. What concept was defined as "personality writ large" by anthropologist Ruth Benedict in a book titled for its "Patterns"?
A: **culture**
23. What non-profit research group publishes frequent time horizon evaluations of the capabilities of frontier A.I. models?
A: **METR** (accept: **Model Evaluation and Threat Research**)
24. What are the names of Earth's two tropical circles?
A: **Tropic of Cancer** (prompt on: Cancer) AND **Tropic of Capricorn** (prompt on: Capricorn) (accept: **Tropics of Cancer and Capricorn, Tropics of Capricorn and Cancer**)
25. The name for what medical condition comes from the Ancient Greek and Latin word for a waterfall?
A: **cataracts**

END OF FIRST QUARTER

SECOND QUARTER

Splits: Supernatural Horror Movies & United Nations Agencies

Supernatural Horror Movies

26. The highly fictionalized exploits of Ed and Lorraine Warren are the focus of what movie series that spawned the spinoffs *The Nun* and *Annabelle*?
A: *The **Conjuring***
27. Who played Regan MacNeil in a movie in which she is possessed by a demon and rotates her head 180 degrees?
A: Linda **Blair**
28. What series, which received a stage adaptation on the West End in 2025, debuted in 2007 and led to a boom of low-budget found-footage horror films?
A: ***Paranormal Activity***
29. What character, who wears a bladed glove and enters peoples' dreams, serves as the main villain of *A Nightmare on Elm Street*?
A: **Freddy Krueger** (accept either bolded part)

United Nations Agencies

30. Developing countries looking to invest in infrastructure or development can apply for loans and grants from what organization?
A: **World Bank** Group
31. After the World Food Programme, what is the next-largest U.N. agency by annual budget, which it mostly spends on education, nutrition, and maternal and childhood health care?
A: **UNICEF** (accept: **United Nations Children's Fund**)
32. Members agree to give each other national treatment and most favoured nation status in what organization, which has greatly reduced global tariffs?
A: **W.T.O.** (accept: **World Trade Organization**)
33. Founded in response to a speech by Dwight Eisenhower, what agency monitors compliance with the Non-Proliferation Treaty and aids with the development of peaceful nuclear power?
A: **I.A.E.A.** (accept: **International Atomic Energy Agency**)

Double Jump

34. What Latin term is used in academic papers to indicate that a quotation is transcribed verbatim, with potential errors included?
A: **sic**
35. What Latin abbreviation is used in academic papers to suggest another source as a valuable comparison to the current topic?
A: **cf.**

Double Jump

36. Who used taxi horns in his symphonic poem *An American in Paris* and used a clarinet glissando to open his composition *Rhapsody in Blue*?
A: **George Gershwin** (prompt on: Gershwin)
37. What other orchestral work by Gershwin features maracas and bongos and was inspired by a vacation he took to Havana?
A: ***Cuban Overture***

Set of 4: Indonesia

38. What is the second-most-spoken language in Indonesia, and first by number of native speakers?
A: **Javanese**
39. From 1825 to 1830, what prince fought an ultimately unsuccessful war against Dutch invaders on Java?
A: Prince **Diponegoro**
40. In the late 20th century, Indonesia brutally occupied what small former Portuguese colony, which is now independent?
A: **East Timor** (accept: **Timor-Leste**)
41. Most trade between the Indian and Pacific Oceans passes through what channel between Indonesia and Malaysia?
A: Strait of **Malacca**

Set of 4: Hair Care

42. In lieu of straightening their hair via relaxers, what movement aims to encourage Black people to maintain the original texture of their hair?
A: **natural hair** movement
43. What kind of product, now sold as powder applied via aerosol cans, is designed to clean hair without using water?
A: **dry shampoo**
44. Usually going from dark at the roots to light at the tips, what style of hair blends two shades via gradient?
A: **ombré**
45. Due to lower costs, what country has become a popular destination for hair transplant procedures?
A: **Turkey**

Linked Set of 5

46. What brand rivals Colgate as North America's leading seller of toothpaste?
A: **Crest**
47. The highest points of what phenomena are known as their crests?
A: **waves**
48. What social movement has proceeded through three or four distinct periods known as its "waves"?
A: **feminism** (accept: **feminist** movement)
49. What small town in upstate New York hosted an 1848 gathering that kicked off the American feminist movement?
A: **Seneca Falls**
50. To what philosophical school did the statesman and writer Seneca belong?
A: **stoicism** (accept: **stoic** philosophy, **stoic** school, the **stoics**)

END OF FIRST HALF

THIRD QUARTER

Splits: The Vikings & The pH Scale

The Vikings

51. Known as Eoforwic to the Anglo-Saxons, what was the most important settlement in Viking Britain?
A: **York** (accept: **Jorvik**)

52. What personal care items often made out of antler have been found in the thousands across Viking archaeological sites?
A: **combs**
53. Though they feature prominently in sagas, the existence of what class of female Viking warriors is disputed by historians?
A: **shieldmaidens**
54. Intermingling between Vikings and inhabitants of West Francia created what people, whose most famous leader was William the Conqueror?
A: **Normans**

The pH Scale

55. Rank the following four substances from lowest to highest pH: drain cleaner, milk, tomato juice, and baking soda.
A: **tomato juice, milk, baking soda, drain cleaner**
56. The voltage of a hydrogen electrode can be calculated from its pH by using what equation?
A: **Nernst** equation
57. Compared to water, a 3-pH substance is how many times as acidic?
A: **ten thousand** times as/more acidic (prompt on: 1×10^4 times as/more acidic)
58. Calculated for amino acids by averaging the P.K.A.s of the neutral carboxyl and protonated amino group, at what pH does a Zwitterion carry no electrical charge?
A: **isoelectric point** (prompt on: P.I.)

Set of 3: Museums

59. What museum's central area features a circular reading room, surrounded by a paneled glass dome and great court designed by Norman Foster?
A: **British** Museum
60. Most of the 20 museums run by the Smithsonian Institution are in what city?
A: **Washington, D.C.** (accept either bolded part) (accept: Washington, **District of Columbia**)
61. In what city is the Canadian Museum of Immigration, located at the former site of Pier 21?
A: **Halifax**

Jailbreak

62. What country contains the Very Large Telescope and many other ground-based telescopes due to the geographical advantages of the Atacama Desert?
A: **Chile**
63. If you play optimally, what is the probability that you win the car in the Monty Hall problem?
A: **2/3**
64. In 2026, Ciudad de la Paz replaced Malabo as what country's capital?
A: **Equatorial Guinea**
65. Who wrote the lines "a little learning is a dangerous thing" and "to err is human, to forgive, divine" in his *Essay on Criticism*?
A: Alexander **Pope**
66. What country was the subject of Matthew Perry's gunboat diplomacy, which sought to end a 200-year policy of isolation?
A: **Japan** (accept: **Tokugawa Shogunate**)
67. Two of which Latin letter are often pronounced like the English "Y" sound in a common Spanish digraph?
A: **L**

68. What artist depicted his own face on the flayed skin held by St. Bartholomew in *The Last Judgement*, a fresco he painted in the Sistine Chapel?
A: **Michelangelo**
69. What noble gas is the third-most abundant gas in Earth's atmosphere?
A: **argon** (prompt on: Ar)
70. The land of Punt is known to us through the records of what civilization, one of their main trading partners?
A: Kingdom of **Egypt** (accept: Ancient **Egyptians**)
71. In January 2026, who signed a 3-year, 126-million-dollar contract with the New York Mets after playing 7 seasons with the Toronto Blue Jays?
A: Bo **Bichette**
72. The Japanese company YKK is the world's largest producer of what type of fastener?
A: **zippers**
73. Who witnesses Officer One-Fifteen kill her friend Khalil at the start of *The Hate U Give*?
A: **Starr** Carter (prompt on: Carter)
74. What name is given to Apple's line of over-ear headphones?
A: **AirPods Max**
75. Each vertex of an octahedron connects to how many edges?
A: **4** edges

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: A musician from what country created the puppet character Flat Eric, who is depicted in the music video for his song "Flat Beat"?
77. Part 2: Another musician from this country is known for playing a laser harp during live shows and released the electronic albums *Equinox* and *Oxygen*.
78. Part 3: This is the home country of of the band that composed the soundtrack to *The Virgin Suicides* and popularized the downtempo genre with their debut album *Moon Safari*.
79. Part 4: A duo from this country released the songs "Instant Crush", "One More Time", and "Get Lucky", and performed as robots.
A: **France**

Streak

80. Name up to all eight starting characters in the original *Super Smash Bros.*, who are also the eight starting characters in *Super Smash Bros. Ultimate*.
A: **Donkey Kong** (prompt on: D.K.)
A: **Fox McCloud** (accept either bolded part)
A: **Kirby**
A: **Link**
A: **Mario**
A: **Pikachu**
A: **Samus Aran** (accept either bolded part)
A: **Yoshi**

Set of 5: The Five Senses

84. With a severity represented by the “cylinder” numbers in a glasses prescription, the cornea or lens has mismatched curves in what eye condition?
A: **astigmatism**
85. What Japanese term for savouriness is the fifth basic taste?
A: **umami**
86. Temporarily experienced by many people after attending loud concerts or sporting events, what condition consists of persistent ringing sounds in the ears?
A: **tinnitus**
87. What does the Wong-Baker Scale measure? E.R. doctors often ask patients to rate this on a 10-point scale.
A: **pain** intensity/severity (accept clear equivalents)
88. A common condition in COVID patients, what “A”-word means a total loss of smell?
A: **anosmia**

12-Part Blitz

89. Give either English word that contains 4 zeds.
A: **pizzazz** OR **razzmatazz**
90. What “C”-word is used to describe a vast chain of mountain ranges, such as in the name of Canada’s westernmost physiographical region?
A: **cordillera**
91. What name is given to the plastic seams formed during the casting process of miniature figurines, which should be scraped off before painting?
A: **mold lines**
92. What is divided into three parts called the apithynekiton, the thymoeides, and the logistikon, according to Plato?
A: **souls** (accept: **psyches**)
93. What philosophical position holds that attaining pleasure and avoiding pain is the ultimate value?
A: **hedonism/hedonist** (accept: **Epicureanism**)
94. Who frequently lost his pet toad Trevor during his early years at Hogwarts?
A: **Neville** Longbottom (prompt on: **Longbottom**)
95. Interstellar objects that come from outside the solar system generally have what orbital shape, which has a negative eccentricity?
A: **hyperbolas** (accept: **hyperbolic**)
96. What was the home state of the woman who said “I believe that our education like, such as in South Africa and, uh, the Iraq, everywhere like such as” in a rambling response to a question at a beauty pageant?
A: **South Carolina**
97. What “A”-word refers to land that can support agriculture?
A: **arable**
98. Often performed by placing flowers or fruit in front of a statue, what word is used in Hinduism for a ritual prayer and offering made to a god?
A: **puja**
99. Spilling what substance is said to cause bad luck, which can be counteracted by throwing it over your left shoulder?
A: **salt**
100. While working with Dan Fouts, who developed an explosive passing system as head coach of the 1970s and ‘80s San Diego Chargers, a system now known as “Air (his name)”?
A: Don **Coryell**

END OF GAME