



## 2023-24 Post-Secondary Championship (T4) – Pack 8

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# PACK 8

## 5-Part Blitz

1. Located just outside the Bay Area, what valley is notable for its expensive wine tours?  
A: **Napa** Valley
2. With a name meaning "School of the Elders", what branch of Buddhism is predominant in Myanmar and Thailand?  
A: **Theravada** Buddhism
3. Milburn Pennybags is the mascot of what ubiquitous board game?  
A: **Monopoly**
4. What fast food item is used by the Economist to compare the purchasing power of various currencies?  
A: **Big Mac**
5. The Keesom force, Debye forces, and London Dispersion forces are collectively known as what weak intermolecular forces?  
A: **van der Waals** forces

## Double Jump

6. What takes place at 30 degrees Celsius for gallium, minus 39 degrees Celsius for mercury, and 32 degrees Fahrenheit for water?  
A: **melting** (accept: **freezing**, **fusion**) (prompt on: change of state/phase or clear equivalents)
7. What thermodynamic equation relates vapor pressure of a substance and its temperature during phase transitions, and can be used to calculate the slope of the tangent line on phase diagrams?  
A: **Clausius-Clapeyron** equation

## Double Jump

8. What is the name of the current widespread loss of global biodiversity?  
A: **Holocene** mass extinction (accept: **Anthropocene** mass extinction) (prompt on: sixth mass extinction)
9. What country's Crawford Lake was chosen in 2023 by the Anthropocene working group to serve as a marker for the start of the Anthropocene epoch?  
A: **Canada**

## Set of 4

10. At this year's Grammys, Taylor Swift conspicuously ignored what legendary musician who presented her with an award?  
A: Celine **Dion**
11. What signature song did Dion record for the movie *Titanic*?  
A: **"My Heart Will Go On"**
12. Another of Dion's biggest hits was a recording of what power ballad, in which she sings "When you touch me like this, and you hold me like that, I just have to admit that" the title phrase?  
A: **"It's All Coming Back to Me Now"**

13. Dion is credited with revitalising the practice of musicians taking residencies in what city, where she spent a record-setting residency from 2003 to 2007, and returned in the 2010s?  
A: Las **Vegas**

### Jackpot

14. Part 1: What male fictional character had two great-grandfathers who were childhood friends but later had a falling-out, leading one of them to abandon the other to die of toxic gas inhalation?  
15. Part 2: This character is seen contemplating a small clay imprint of his hand shortly after his girlfriend dumps him for calling her a "big blah".  
16. Part 3: This character states "My father said she was born lucky. He said I was lucky to be born." in reference to his talented and cruel younger sister.  
17. Part 4: After another character talks about how their first love interest turned into the moon, this character responds "that's rough, buddy". This character attempts to regain his honour as a prince of the Fire Nation by hunting down the Avatar.  
A: Prince **Zuko** of the Fire Nation

### Set of 3

18. What kind of good does a chandler produce?  
A: **candle** (accept: **wax**)  
19. What type of wax is currently the most common type used in candles?  
A: **paraffin** wax (accept: **petroleum** wax)  
20. At what location was Jesus presented in an event commemorated on Candlemas?  
A: Second **Temple** (accept: Herod's **Temple**)

### 5-Part Blitz

21. What two things name a Chinese art form in which landscapes are painted with ink and brush?  
A: **mountains** AND **water** (accept: **rivers**)  
22. What is the only planet to rotate retrograde to its orbit?  
A: **Venus**  
23. Which American President signed the Voting Rights Act in 1965?  
A: **Lyndon** Baines **Johnson** (accept: **LBJ**) (prompt on: **Johnson**)  
24. What parent company owns brands like The Rec Room, Playdium, and Galaxy Cinemas, and operates the Scene loyalty program?  
A: **Cineplex** Inc.  
25. A capitalized genus name followed by a lowercase species name characterizes what method of naming species, introduced by Carolus Linnaeus?  
A: **binomial nomenclature**

END OF FIRST QUARTER

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SECOND QUARTER

Splits: Canadian Novels & Philosophy

Canadian Novels

26. In what novel do the ruins of the RejoovenEsense compound serve as a home for Snowman after the apocalypse?  
A: ***Oryx and Crake***
27. What author implied that Boogie Moscovitch was killed by being scooped up by a water bomber and dropped onto a forest fire in the novel *Barney's Version*?  
A: Mordecai **Richler**
28. What author created the town of Manawaka, Manitoba, the setting for five of her novels including one about Hagar Shipley called *The Stone Angel*?  
A: Margaret **Laurence**
29. What author of *The Orenda* was caught in a controversy when journalist Jorge Barrera accused him of falsifying his Indigenous identity in 2016?  
A: Joseph **Boyden**

### **Philosophy**

30. In what two-volume work does A argue for an aesthetic life and B argue for an ethical life, before a brief final section argues for religion?  
A: ***Either/Or***
31. Acting as though one's actions should be codified into universal laws is acting in accordance with what moral concept developed by Immanuel Kant?  
A: **categorical imperative**
32. Which of Plato's works documents the trial of Socrates?  
A: *The **Apology** of Socrates*
33. What kind of reasoning involves generalizing observations to create a general explanatory rule?  
A: **inductive** reasoning (accept: **induction**)

### **Double Jump**

34. Across 2000 and 2001, who achieved his namesake "Slam" by winning four consecutive majors, becoming the first golfer ever to do so?  
A: Tiger **Woods** (prompt on: **Tiger**)
35. As the first leg of the Tiger Slam, Tiger won the 2000 US Open by a record-setting margin of how many strokes?  
A: **15**

### **Double Jump**

36. Mount Etna stands on what island, the largest and most populous in the Mediterranean?  
A: **Sicily**
37. What waterway separates Sicily from the Italian peninsula?  
A: **Strait of Messina**

### **Set of 4: Vegetarianism**

38. What is the central ingredient in chana masala, falafel, and hummus?  
A: **chickpeas** (accept: **garbanzo beans**)
39. What milk alternative is sometimes criticized for its high water footprint, though its production has very low CO2 emissions?  
A: **almond milk**
40. What "S"-word refers to a meat alternative made from wheat gluten?  
A: **seitan**

41. What word describes an otherwise vegetarian diet that also contains seafood?

A: **pescetarianism**

#### **Set of 4**

42. What portmanteau is often applied to those who falsely claim Indigenous identity or ancestry?

A: **pretendian**

43. To dispute her claims of Cree ancestry, a 2023 CBC investigation produced the birth certificate of what singer-songwriter, noted for her song "Universal Soldier"?

A: Buffy **Sainte-Marie**

44. What politician was pejoratively referred to as "Pocahontas" by Donald Trump for her exaggerated claims of Cherokee ancestry?

A: Elizabeth **Warren**

45. Having famously accepted the 1973 Academy Award for Best Actor on behalf of Marlon Brando in an act of protest, what actress and activist is alleged to have falsely claimed her Indigenous heritage?

A: Sacheen **Littlefeather**

#### **5-Part Blitz**

46. What name is given to the scroll of instructions on how to enter the afterlife that was commonly buried with wealthy Egyptians in the last millennium and a half of Ancient Egypt?

A: **Book of the Dead**

47. Because its proximity to the equator makes it easier to reach a geostationary orbit, the European Space Agency's main equatorial launch site is located in what overseas department of France?

A: **French Guiana**

48. What word is used as a gender-neutral equivalent for a niece or nephew?

A: **nibling**

49. The ratio between what two quantities is determined in a mass spectrometry experiment?

A: **mass AND charge**

50. The Royal Tyrrell Museum of Palaeontology is located in what Albertan town?

A: **Drumheller**

### **END OF FIRST HALF**

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### **THIRD QUARTER**

#### **Splits: JRPGs & Hats**

#### **JRPGs**

51. Name all three gemstones that title the *Pokemon* games set in the Hoenn region.

A: **Ruby AND Sapphire AND Emerald**

52. What character, whose name is chanted in the song "One Winged Angel", is an enemy of Cloud Strife and the final boss of *Final Fantasy 7*?

A: **Sephiroth**

53. The *Persona* series began as a spin-off of what other series?

A: **Shin Megami Tensei**

54. Who is the main protagonist of the first *Xenoblade Chronicles* game?

A: **Shulk**

## Hats

55. What soft conical hat with a bent top, originating in antiquity, became a symbol of freedom during the French Revolution?  
A: **Phrygian cap**
56. What Robert Burns poem names a flat hat with a woolen ball at the top that is commonly made with tartan?  
A: **"Tam o' Shanter"**
57. Though it actually only holds about 3 quarts, what kind of cowboy hat has a nickname referring to a much larger volume?  
A: **10-gallon** hat
58. Popular in the 1920s and early 1930s, what style of women's hat was named after the French word for bell due to its shape?  
A: **cloche**

## Set of 3: Independence

59. What city's Independence Hall was home to the drafting of the US Constitution in 1787, as well as the signing of the Declaration of Independence in 1776?  
A: **Philadelphia**
60. What city hosts an annual independence day parade in Merdeka Square on August 31st?  
A: **Kuala Lumpur** (accept: **KL**)
61. What autonomous community held an independence referendum on October 1st, 2017 that was ruled unconstitutional by Spain?  
A: **Catalonia**

## Jailbreak

62. Who underwent an abdominal surgery on January 16th and did not make another public appearance until two days ago, when she announced that she has cancer?  
A: Princess **Kate Middleton** (accept either bolded part) (accept: **Catherine, Princess of Wales** (accept either bolded part))
63. Kaposi's sarcoma is typically suffered by people with what condition?  
A: HIV/**AIDS** (accept: **acquired immunodeficiency syndrome**) (prompt on: HIV, human immunodeficiency virus)
64. What is by far the most populous state of Pakistan, sharing its name with a state across the border in India?  
A: the **Punjab**
65. What letter must be added to a brand of rubber foam clogs to get a flower from which saffron is harvested?  
A: **u** (Crocs -> crocus)
66. What name is given to the non-formalized registers of Latin spoken by the common people of the Western Roman Empire?  
A: **Vulgar** Latin
67. What desert straddles Mongolia and the Chinese region of Inner Mongolia?  
A: **Gobi** Desert
68. What Steven Spielberg film is thought by many to have been robbed by *Shakespeare in Love* of the 1998 Oscar for Best Picture?  
A: **Saving Private Ryan**
69. What number is found atop Pascal's Triangle?  
A: **1**

70. On April 1st, a fifteen-dollar increase in what policy will take effect in Canada?  
A: **carbon tax** (accept: **carbon pricing/price**)
71. Mary Bettans and William Dyce designed what monarch's wedding dress, credited with popularizing white dresses for brides?  
A: Queen **Victoria**
72. Benjamin West painted the death of what British general at the Plains of Abraham?  
A: General James **Wolfe**
73. Who created the character Willy Wonka in his novel *Charlie and the Chocolate Factory*?  
A: Roald **Dahl**
74. Until its destruction in 1521, what huge city stood on the current site of Mexico City?  
A: **Tenochtitlan**
75. Hydrazine and ammonia are composed of what two elements?  
A: **hydrogen** (accept: **H**) AND **nitrogen** (accept: **N**)

### END OF THIRD QUARTER

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### FOURTH QUARTER

#### Jackpot

76. Part 1: [read the notes in this jackpot slowly] Who composed an overture that opens with a slow section, which is interrupted by a faster section beginning with a mi - do - short ti - short la - low mi melody?
77. Part 2: This composer structured the second movement of a D major suite around a so - do - re - short mi - do theme.
78. Part 3: A later section of that piece is built around a repeating sixteenth sixteenth eight eight, then eight rest motif.
79. Part 4: In a later section of that piece, another fugue begins with a choir singing the line "And He shall reign for ever and ever".  
A: George Frederick **Handel**

#### Streak

80. Give up to all of the regnal names that have been used by at least four kings of France.

A: **Louis**

A: **Charles**

A: **Henry** (accept: **Henri**)

A: **Philip** (accept: **Philippe**)

#### Streak

82. Name up to any three of the original Dragons who appeared on the Canadian TV show *Dragons' Den*.

A: Kevin **O'Leary**

A: Jim **Treliving**

A: Robert **Herjavec**

A: Laurence **Lewin**

A: Jennifer **Wood**

#### Streak

84. Name up to all of the cities in which the first five Summer Olympic Games took place.

A: **Athens**

A: **Paris**

A: **St. Louis**

A: **London**

A: **Stockholm**

### Set of 3: Branches of Medicine

86. What "B"-word means the branch of medicine concerned with obesity prevention and management?

A: **bariatrics**

87. What branch of medicine deals with the surgical treatment of eye disorders, often confused with optometry?

A: **ophthalmology**

88. The treatment of hormonal disorders falls under the scope of what branch of medicine?

A: **endocrinology**

### 12-Part Blitz

89. What name is given to the verbal error in which someone transposes the starting sounds of two words?

A:  **Spoonerism**

90. What does URL stand for?

A: **uniform resource locator**

91. What Argentine city is commonly considered the world's southernmost city?

A: **Ushuaia**

92. Name both quarks found in the third generation.

A: **top** quark AND **bottom** quark

93. "Flesh, Blood and Bone" and "Patri Incantatem" are chapters of what book, during a climactic scene at a graveyard?

A: *Harry Potter and the **Goblet of Fire***

94. Who is France's highest rated-chess player?

A: Alireza **Firouzja** ["fee-ROO-ja"]

95. Which month of the year is NaNoWriMo, or National Novel Writing Month?

A: **November**

96. The Bagel Market restaurant in Manhattan named an item after what content creator, who was able to track them down using skills learned from mastering Geoguessr?

A: Trevor **Rainbolt** (accept: **georainbolt**)

97. Since OS X version 10.9, every major release of Apple's desktop operating system has been named for a location in which US state?

A: **California**

98. At  $x = 1$ , the rational function  $x^2 - x$  over  $x - 1$  has what kind of discontinuity?

A: **hole** (accept: **removable** discontinuity)

99. The name of what small mammal can be a synonym for "canary" or "stool pigeon", to mean a snitch?

A: **rat**

100. Until 1966, Léopoldville was the name of what African capital city that lies across the Congo River from Brazzaville?

A: **Kinshasa**

**END OF GAME**