



## 2022-23 Post-Secondary Winter Tournament (T2) – Pack 1

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# PACK 1

## FIRST QUARTER

### 6-Part Blitz

1. Who began broadcasts with “Hello, Canada, and hockey fans in the United States and Newfoundland” as a commentator for *Hockey Night in Canada*?

A: Foster **Hewitt**

2. The prefix spelled c-y-t-o refers to what biological structure?

A: **cell**

3. What is the English translation of “Mein Kampf”?

A: **My Struggle** (accept: **My Battle, My Fight**)

4. Who describes taking a Louisville slugger to both headlights and slashing a hole in all four tires of a car in her song “Before He Cheats”?

A: Carrie **Underwood**

5. What fictional species, whose clans include the Metkayina and Omaticaya, is central to the *Avatar* film franchise?

A: **Na’vi**

6. The phrase “Carthago delenda est” ended many of the speeches of what Roman senator?

A: **Cato the Elder** (prompt on: Cato)

### Set of 5: Lakes

7. Lying just northeast of St. Petersburg, what is the largest lake located entirely within Europe?

A: Lake **Ladoga**

8. What lake sits at an elevation of over 3,800 metres on the Bolivia-Peru border, and is the largest lake in South America?

A: Lake **Titicaca**

9. The city of Bujumbura, Burundi lies at the northern tip of what large lake?

A: Lake **Tanganyika**

10. The Rhone river flows through what large crescent-shaped lake, whose southwestern tip contains its namesake Swiss city?

A: Lake **Geneva**

11. Lake Retba in Senegal and Lake Hillier in Australia are notable for being what colour?

A: **pink**

### **Jackpot**

12.

Part 1: Five atoms of what element are found in each molecule of the pesticide DDT?

Part 2: Three atoms of this element are found alongside an atom of carbon and an atom of heavy hydrogen in a common solvent for nuclear magnetic resonance spectroscopy.

Part 3: This element is found in the most common plastic that does not solely consist of carbon and hydrogen, which is used to make piping.

Part 4: Compounds consisting of this element, carbon, and fluorine were phased out in the Montreal Protocol for their damage to the ozone layer. This element is the second heaviest halogen.

A: **chlorine** (accept: **Cl**)

### **Set of 4: The Hundred Years' War**

16. What two countries were the primary belligerents in the Hundred Years' War?

A: **England** AND **France**

17. Primarily made of yew wood, what weapon was used in large numbers by the English at the battle of Agincourt?

A: English **longbow** (prompt on: **bow** and arrow)

18. Within ten years, for how many years did the Hundred Years' War last?

A: **116** (accept answers from **106** to **126**, inclusive)

19. Edward III orchestrated a 1346 siege on what coastal town, which remained under English control until 1559?

A: **Calais**

### **Linked Set of 6**

20. What mineral is a 10 on the Mohs hardness scale?

A: **diamond**

21. What singer's 2012 album *Unapologetic* includes the track "Diamonds"?

A: **Rihanna** (accept: Robyn Rihanna **Fenty**)

22. In what Caribbean country was Rihanna born?

A: **Barbados**

23. What symbol appears in the centre of the flag of Barbados?  
A: **a trident**
24. What Roman god is commonly depicted wielding a trident?  
A: **Neptune**
25. In 1989, what spacecraft became the first to observe Neptune?  
A: **Voyager 2** (reject partial answers)
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## SECOND QUARTER

### Splits: Playing Cards & National Anthems

#### Playing Cards

26. What specific card is worth 13 points in a game of Hearts?  
A: **queen of spades**
27. What "K"-word is another term for a jack?  
A: **knave**
28. What word refers to a suit that beats all other suits in trick-taking card games?  
A: **trump**
29. One of the main blackjack rule differences between casinos is whether the dealer hits or stays on what specific hand?  
A: **Soft 17** (prompt on: 17)

#### National Anthems

30. What five words follow "true patriot love" in "O Canada"?  
A: **in all of us command**
31. What is the national anthem of Australia?  
A: **"Advance, Australia Fair"**
32. What country officially adopted the "March of the Volunteers" in the 1970s, replacing their earlier unofficial anthem "The East is Red"?  
A: People's Republic of **China** (accept: **PRC**) (reject: Republic of China)
33. What European microstate's anthem has the same melody as "God Save the King" and is titled "High on the Young Rhine"?  
A: **Liechtenstein**

### Set of 3: Jewish Holidays

34. What holiday commemorates the Israelites' escape from slavery in Egypt?

A: **Passover** (accept: **Pesach**)

35. Yom Kippur occurs ten days after what other major Jewish holiday that celebrates the new year?

A: **Rosh Hashanah**

36. What ceremonial horn is traditionally blown on both Rosh Hashanah and Yom Kippur?

A: **shofar**

### Double Jumps

37. How many distinct notes are in a chromatic scale?

A: **12**

38. What name is given to the repeating sequence of 12 notes that appear in twelve-tone serialism? It can appear transposed, inverted, or reversed.

A: **tone row**

39. Who repeated the Sanskrit word "shantih" three times to end a poem that opens by declaring "April is the cruellest month"?

A: T.S. **Eliot** (accept: Thomas Stearns **Eliot**)

40. In what Eliot play does the protagonist reflect on his selfish motivations for his impending martyrdom by saying "The last temptation is the greatest treason / To do the right deed for the wrong reason"?

A: ***Murder in the Cathedral***

### Set of 4: Canadian License Plates

41. Which province released newly-designed license plates in 2020, only to halt their introduction after police complained they were difficult to read at night?

A: **Ontario**

42. Since 1970, license plates of the Northwest Territories have been produced in the shape of what animal?

A: **polar bear** (prompt on: bear)

43. The license plates of which province call it "Canada's Ocean Playground"?

A: **Nova Scotia**

44. What adjective is used to describe Manitoba on its license plates?

A: **friendly**

## 6-Part Blitz

45. What is the strongest and longest bone in the human body?

A: **femur**

46. What painter used his wife Saskia van Uylenburgh as a model for many of his portraits?

A: **Rembrandt van Rijn** (accept either underlined part)

47. In *The Dropout*, Amanda Seyfried plays what former CEO of Theranos who was convicted of wire fraud?

A: Elizabeth **Holmes**

48. In which decade did Israel gain its independence?

A: **1940s** (prompt on: '40s)

49. *Cymbidium* and *Phalaenopsis* ["fal-ih-NOP-sis"] are popular species of what flowering houseplants?

A: **orchids**

50. Who told the story of Kunta Kinte ["KOON-tah KIN-tay"] in *Roots: The Saga of an American Family*?

A: Alex **Haley**

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## THIRD QUARTER

### Splits: European Institutions & Triangles

#### European Institutions

51. Switzerland and Norway are among the non-EU countries that belong to what European region with no internal border controls?

A: **Schengen** Area/zone/region

52. Named for the Dutch city where it was signed, what 1992 treaty established the European Union in its modern form?

A: **Maastricht** Treaty

53. Ursula von der Leyen is the current president of what body, the executive branch of the European Union?

A: European **Commission**

54. Based in Strasbourg, the European Court of Human Rights is an institution of what organization that expelled Russia in 2022?

A: **Council of Europe** (reject: European Council)

## Triangles

55. The intersection of a triangle's altitudes gives what triangle centre?

A: **orthocentre**

56. What is the generalization of a triangle to any number of dimensions?

A: **simplex**

57. Given all three side lengths of a triangle, what formula can you use to calculate the triangle's area?

A: **Heron's** formula (accept: **Hero's** formula)

58. If a right triangle has legs of length one unit and square root of three units, what is the length of the hypotenuse?

A: **2** units

## Jackpot

59.

Part 1: What type of creature is found in the title of a roguelike game whose evolved weapons include La Borra and Unholy Vespers?

Part 2: According to one author, the Volturi are examples of this type of creature that live in Italy.

Part 3: Historical inspirations for this type of creature may have included the infamous Hungarian countess Elizabeth Bathory.

Part 4: The best-known Gothic depiction of this type of creature was created by Bram Stoker.

A: **vampires**

## Streaks

63. Across its two appearances in 1986 and 2022, Canada has faced six teams at the FIFA World Cup. Name up to all of them.

A: **France, Hungary, Soviet Union** (accept: **USSR, Russia**), **Belgium, Croatia, Morocco**

## Set of 4: Alliterative Answers

66. What social media application allows users to anonymously participate in discussion threads with others within a five-mile radius?

A: **Yik Yak**

67. What anime and video game franchise created fictional school idol groups such as Aquors and Mus ["muse"]?

A: **Love Live!**

68. In its namesake 1933 film, Ann Darrow is abducted by what large beast who climbs the Empire State Building in a famous scene?

A: **King Kong**

69. Governed by the ITTF, what sport's "penhold" grip is commonly used by Chinese players?

A: **table tennis** (accept: **ping pong**)

### 6-Part Blitz

70. Who put down Pugachev's Rebellion after succeeding her husband Peter III to become empress of Russia?

A: **Catherine the Great** (accept: **Catherine II**) (prompt on: Catherine)

71. "Aquarelle" is another term for what type of paint?

A: **watercolour** paint

72. Who was the Roman god of wine?

A: **Bacchus**

73. What Korean girl group formed in 2022 has released the singles "Attention", "Hype Boy", and "Ditto"?

A: **NewJeans**

74. How many quarks make up a proton or neutron?

A: **three**

75. In 1541, what Frenchman set up a theocratic government in Geneva based on his namesake branch of reformed Christianity?

A: John **Calvin** (accept: Jehan **Cauvin**)

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## FOURTH QUARTER

### Set of 3: Chocolate in Media

76. What French actor stars as Vianne, who opens a chocolate shop in a small town with her daughter in the film *Chocolat*?

A: *Juliette* **Binoche**

77. What man is the owner of the titular business in *Charlie and the Chocolate Factory*?

A: **Willy Wonka** (accept either underlined part)



78. The player character will run a chocolate shop in what upcoming game by the developer of Stardew Valley?

A: **Haunted Chocolatier**

### **Double Jumps**

79. On July 8th, 2022, what company was responsible for a network failure that saw roughly 25% of Canada's internet connectivity go offline for most of the day?

A: **Rogers** Communications

80. What financial services network was completely disabled by the outage, making Canadian debit cards useless for the outage's duration?

A: **Interac**

81. Drag forces such as air resistance allow falling objects to reach what quantity's terminal form?

A: terminal **velocity**

82. If the velocity of a 3-kilogram object increases from 1 metre per second to 4 metres per second, what is the change in the object's momentum in kilogram metres per second?

A: **9** kilogram metres per second

83. "Turn it Off", "I Believe", and "Tomorrow is a Latter Day" are songs from what musical?

A: *The* **Book of Mormon**

84. In the musical, Elders Price and Cunningham are sent to what country on their mission?

A: **Uganda**

### **Set of 4: Languages of the Philippines**

85. Native to central Luzon, what is the most-spoken native language of the Philippines?

A: **Tagalog** (prompt on: Filipino)

86. What Indo-European language, brought to the Philippines by the country that colonized them throughout the early 20th century, is also an official language there?

A: **English**

87. Bisaya is another name for what second-most spoken native language of the Philippines, whose more common name references an island located between Bohol and Negros ["NAYG-ross"]?

A: **Cebuano**

88. Languages native to the Philippines belong to what primary language family, which also includes Malay, Maori, and Hawaiian?

A: **Austronesian**

### 12-Part Blitz

89. What kind of animal is Punxsutawney Phil, as made famous in a Bill Murray movie?

A: **groundhog**

90. Later conquered by the Rashidun Caliphate, what was the last Zoroastrian Persian empire?

A: **Sassanid** Empire (accept: **Sasanian** Empire)

91. What character worries about the ducks in Central Park in the winter, and commonly refers to other people as "phonies"?

A: **Holden** Caulfield (prompt on: **Caulfield**)

92. "In the beginning was the BLANK." What word completes this Biblical quotation?

A: **word** (accept: **Logos**)

93. What "A"-word refers to a type of medication used to treat patients exhibiting dyspeptic symptoms such as nausea or heartburn?

A: **antacid**

94. What Rwandan-Scottish actor is set to play the Fifteenth Doctor on *Doctor Who*?

A: Ncuti ["SHOO-tee"] **Gatwa**

95. What keyboard instrument plays the melody of "Dance of the Sugar Plum Fairy" in *The Nutcracker*?

A: **celeste** (accept: **celesta**)

96. What political party was founded by Henry Clay to oppose then-President Andrew Jackson?

A: **Whig** Party

97. What term that comes from the Italian for "light" and "dark" refers to the use of strong light and dark contrasts in art?

A: **chiaroscuro**

98. What model of Dodge minivan got its name from a word meaning a group of people travelling with cargo?

A: Dodge Grand **Caravan** (accept: Dodge **Caravan**)

99. On July 6th, 2013, a train carrying petroleum derailed and exploded, killing 47 people and destroying what town in Quebec?

A: **Lac-Mégantic**

100. What is the highest number of Michelin stars a restaurant can get?

A: **3**