



2023-24 Post-Secondary Late Fall Tournament (T2) – Pack 7

Head Editor: *Zhongtian Wang*

Writers/Editors: *Ian Chow, Hannah Cookson, Odin Fisher-Skau, Max Gedajlovic, Ian Greig, Paul Kasiński, Jenny Mao, Jack van Nostrand, Ryan Sharpe, Joe Su, Isaac Thiessen, Gaian Valdegamo, Zhongtian Wang*

PACK 7

5-Part Blitz

1. What villainous nurse clashes with Randle McMurphy in *One Flew Over the Cuckoo's Nest*?
A: Nurse **Mildred Ratched** (accept either bolded part)
2. The Blue Book, the Gold Book, and several other "Colour Books" are published by what scientific organization?
A: **IUPAC** (accept: **International Union of Pure and Applied Chemistry**)
3. What surname is shared by sisters Solange and Beyoncé?
A: **Knowles**
4. What weapon, now associated with the Vatican's Swiss Guard, consists of an axe blade and spiked tip at the end of a long pole?
A: **halberd** (prompt on: polearm)
5. The Penguins, Flyers, and Devils play in which NHL division?
A: **Metropolitan Division**

Double Jump

6. In his New York studio called The Factory, what artist created the silkscreen works *Marilyn Diptych* and *Campbell's Soup Cans*?
A: Andy **Warhol**
7. Warhol created what 1966 avant-garde film, which featured the German singer Nico and inspired a later album by her?
A: **Chelsea Girls**

Double Jump

8. Valor, Mystic, and Instinct are teams in what 2016 augmented reality mobile game?
A: **Pokémon GO**
9. Described as being "filled with happiness", what in-game object doubles earned XP for 30 minutes?
A: **Lucky Egg**

Set of 4: The Holy Grail

10. What man was the first to possess the Holy Grail and also responsible for the burial of Jesus in the Bible?
A: **Joseph of Arimathea** (prompt on: Joseph)
11. What knight was the subject of the first Grail quest narrative, written by Chrétien de Troyes in the 12th century?
A: Sir **Percival** (accept: Sir **Parsifal**)
12. Which Arthurian knight failed to obtain the Grail due to his adultery, although his son Galahad succeeded?
A: Sir **Lancelot**
13. What group included gags about the flight speed of an unladen swallow and the knights who say Ni ["nee"] in a 1975 comedy about the Holy Grail?
A: **Monty Python**

Jackpot

14. Part 1: In what country do millions of people live on river islands made of sand and sediment, which are known in this country's primary language as chars?
15. Part 2: The largest port in this country lies at the mouth of the Karnaphuli river. This country contains the majority of the Sundarbans.
16. Part 3: A major river delta located in this country is fed by the smaller Meghna and Brahmaputra rivers.
17. Part 4: The Ganges river delta and floodplain makes up much of this densely populated country east of India.
- A: **Bangladesh**

Set of 3: Nicknames

18. What word, which sometimes refers to a cornmeal porridge, is a nickname for the Liberal Party of Canada?
- A: **grits** (reject: grit)
19. "Rhenish" and "Spring" are nicknames given to what composer's symphonies?
- A: **Robert Schumann** (prompt on: Schumann)
20. What artist has a nickname that references both an 1880s serial killer and the artist's "dripping" technique?
- A: Jackson **Pollock**

5-Part Blitz

21. What object is associated with a series of Source Filmmaker memes in which a disembodied head emerges from it singing "skibidi bop yes yes yes?"
- A: skibidi **toilet**
22. "Citius, altius, fortius" is the traditional motto of what events?
- A: the **Olympic Games** (accept: the **Olympics**)
23. What is the third letter of the Greek alphabet?
- A: **gamma**
24. The forces of Murad II killed Wladyslaw III of Poland and defeated John Hunyadi of Hungary in what 1444 battle?
- A: Battle of **Varna**
25. The pattern known as "tartan" in Scotland is known by what term in North America, where it is associated with the patterns on lumberjack shirts?
- A: **plaid**

END OF FIRST QUARTER

SECOND QUARTER

Splits: Indie Music Groups & Philosophers

Indie Music Groups

26. What indie group, whose debut studio album is titled *The Record*, is made up of Julien Baker, Lucy Dacus, and Phoebe Bridgers?
- A: **boygenius**
27. "Tongue Tied" is the most popular song by what indie pop group?
- A: **Grouplove**

28. What indie rock band is known for their album *Good News For People Who Love Bad News*, which contains the single "Float On"?
- A: **Modest Mouse**
29. *High School* is a 2019 memoir by what Canadian indie pop duo, made up of the eponymous Quin sisters?
- A: **Tegan and Sara**

Philosophers

30. What father of Nicomachus is known for founding the Lyceum?
- A: **Aristotle**
31. Reality, negation, and limitation are among what philosopher's categories of understanding?
- A: Immanuel **Kant**
32. Best known for his book *Ethics*, who left Amsterdam after being excommunicated by the local synagogue?
- A: Baruch **Spinoza** (accept: Benedictus de **Spinoza**)
33. Who is responsible for the works *On Truth and Lies in a Nonmoral Sense*, *Thus Spoke Zarathustra*, and *Beyond Good and Evil*?
- A: Friedrich **Nietzsche**

Double Jump

34. Matrix A is a two by two matrix with the top row "one, negative one" and the bottom row "two, three". What is the determinant of A?
- A: **five**
35. What is the simplest basis vector for the nullspace of A?
- A: **zero** comma zero (accept: **zero** vector, **null** vector)

Double Jump

36. What geopolitical feature can be crossed at the Thousand Islands Bridge, the Rainbow Bridge, the Blue Water Bridge, and the Ambassador Bridge?
- A: **Canada-US border** (accept clear equivalents) (prompt on partial answers)
37. To deter asylum seekers from crossing the border at places like Roxham Road, what agreement between Canada and the United States was revised in March 2023?
- A: **Safe Third Country** Agreement

Set of 4

38. Sometimes referred to as shinobi, what class of mercenaries and spies in feudal Japan were renowned for their martial arts proficiency and their stealth?
- A: **ninjas**
39. Name all four Teenage Mutant Ninja Turtles.
- A: **Donatello** AND **Leonardo** AND **Michelangelo** AND **Raphael**
40. From what ninja village does Naruto Uzumaki hail?
- A: **Hidden Leaf** Village (accept: **Konohagakure**)
41. What word follows "ninja" in the name of several reality TV shows where contestants must run, jump, and climb across obstacle courses in the shortest time possible?
- A: **warrior**

Set of 4: Physics Calculations

For each of the following questions, consider a ball that falls off a cliff and hits the ground in 10 seconds. Assume g equals 10 metres per second squared.

42. In metres per second, how quickly is the ball traveling at the instant it hits the ground?
A: **100** metres per second
43. How high is the cliff in metres?
A: **500** metres
44. If the ball has a mass of 2 kilograms, how much potential energy in joules is converted into kinetic energy by the time the ball hits the ground?
A: **10,000** joules
45. If the ball is instead horizontally pushed off the cliff at an initial speed of 12 metres per second, how far in metres will the ball travel horizontally before hitting the ground?
A: **120** metres

5-Part Blitz

46. Mare ["MAH-ray"] Nostrum was the name given by the Romans to what body of water?
A: **Mediterranean** Sea
47. What alliterative term refers to a facility at which ex-convicts stay to re-adjust to society after being released from prison?
A: **halfway house**
48. Who won a record four Premier League Golden Boots from 2001 to 2006 with Arsenal?
A: Thierry **Henry** ["tee-air-EE on-REE"]
49. At an inflection point, if a function's second derivative is defined, what is its value?
A: **0**
50. What term refers to sausages in a British dish where it is paired with mash?
A: **bangers**

END OF FIRST HALF

THIRD QUARTER

Splits: American Cities & The Milky Way

American Cities

51. "The Big Easy" is a nickname for what American city?
A: **New Orleans**
52. In the 1830s, a so-called "war" was fought between Ohio and the Territory of Michigan over what city?
A: **Toledo**
53. Texas A&M University is found in what appropriately-named city?
A: **College Station**
54. Sharing their names with two cities in New England, give the names of Oregon's capital city and its largest city.
A: **Salem** AND **Portland**

The Milky Way

55. What Dutch astronomer names two constants characterizing the rotation of the Milky Way relative to the Sun, as well as an outer region of the Solar System where many long-period comets originate?
A: Jan Hendrik **Oort**

56. Name either of the two scientists who had a famous debate in 1924 about whether the Milky Way was the only galaxy.
A: Harlow **Shapley** OR Heber Doust **Curtis**
57. The Solar System is located in which arm of the Milky Way? It shares its name with a constellation whose stars include Bellatrix, Rigel, and Betelgeuse ["beetle juice"].
A: **Orion**
58. What Portuguese explorer names two of the Milky Way's satellite galaxies?
A: Ferdinand **Magellan**

Double Jump

59. What British-owned archipelago is found in the South Atlantic off the coast of Tierra del Fuego?
A: **Falkland** Islands (accept: the **Falklands**, Islas **Malvinas**)
60. What island located southeast of the Falkland Islands forms part of a British Overseas Territory along with the South Sandwich Islands?
A: **South Georgia**

Double Jump

61. The pitch of what brass instrument is controlled by a slide mechanism as opposed to valves?
A: **trombone**
62. Who wrote the *Concerto for Trombone and Military Band*? His operas include *The Snow Maiden* and *The Golden Cockerel*.
A: Nikolai **Rimsky-Korsakov**

Set of 3: Baskets

63. What term refers to a region of a country that is responsible for a large part of its food production?
A: **breadbasket**
64. What insulting descriptor is applied to people who are seen as useless or unable to be helped?
A: **basket case**
65. What is the common name for the nursery rhyme that describes "a green and yellow basket"?
A: **"A-Tisket, A-Tasket"**

Set of 3: Marine Invertebrates

66. The phylum Porifera consists of what kind of animals?
A: sea **sponges**
67. A Portuguese sailing ship gave its name to what venomous hydrozoan that resembles a jellyfish?
A: Portuguese/Pacific **man o' war** (accept: Portuguese/Pacific **man of war**)
68. Dungeness, king, and hermit are types of what crustaceans?
A: **crabs**

Set of 4: Divorce

69. What term refers to a divorce that is allowed without either party having to show wrongdoing by the other?
A: **no-fault** divorce
70. As opposed to a divorce, what kind of declaration renders a marriage null and void, as if it had never happened?
A: **annulment**

71. Dustin Hoffman and Meryl Streep star as the divorcing parents of a young boy in what 1979 movie?
A: ***Kramer vs. Kramer***
72. Who used an electronic vocoder to harmonize her voice for an a cappella song about her parents' divorce called "Hide and Seek"?
A: Imogen **Heap**

Set of 3: Organizations in Comics

73. The Guardians of Oa run what intergalactic law enforcement organization with members such as Jessica Cruz and Hal Jordan?
A: **Green Lantern** Corps
74. A group of six men and one woman with what kind of relationship to Ramona Flowers form a league in the *Scott Pilgrim* series?
A: evil **exes** (accept clear equivalents)
75. What group fought the Mole Man in their debut appearance, but are more known for being the archenemies of Doctor Doom?
A: The **Fantastic Four**

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: In Vladimir Nabokov's novel *Lolita*, the name of Humbert Humbert's first crush is borrowed from a work by what author?
77. Part 2: The aforementioned work, written by this author, describes "a love that the winged seraphs of heaven / coveted her and me".
78. Part 3: In another work by this author, the speaker mourns his lost love before being interrupted by the visit of a sinister animal who only knows how to say one word.
79. Part 4: This American author and poet wrote "Annabel Lee" and "the Raven".
A: Edgar Allan **Poe**

Streak

80. Other than the ones awarding victory points, name up to all four different development cards in the base g
A: **Knight** card (accept: **Soldier** card)
- A: **Monopoly** card
- A: **Road Building** card
- A: **Year of Plenty** card

Streak

83. Name up to all four lobes of the human brain.
A: **frontal** lobe
- A: **temporal** lobe
- A: **occipital** lobe
- A: **parietal** lobe

Set of 5: Canada During the Cold War

84. What Soviet cipher clerk defected to Canada in 1945, in an event widely seen as having marked the beginning of the Cold War here?
A: Igor **Gouzenko**
85. Lester B. Pearson was one of the principal authors of what 1949 agreement, which would serve as the founding document of its namesake organization?
A: **North Atlantic Treaty**
86. What two-word nickname was given to the device used during the Cold War to root out gay men from the government, RCMP, and military, due to fears that they could easily be blackmailed?
A: **fruit machine**
87. Pierre Trudeau was a staunch supporter and personal friend of what communist leader, earning him criticism from NATO allies?
A: **Fidel Castro** (prompt on: Castro)
88. Name either of the islands to which Canada forcibly relocated Inuit people in order to assert Canadian sovereignty over the high Arctic amid Cold War tensions.
A: **Ellesmere** Island OR **Cornwallis** Island

12-Part Blitz

89. Who won the 2022-23 NBA MVP Award?
A: Joel **Embiid**
90. What is Google's equivalent of Microsoft PowerPoint?
A: Google **Slides**
91. What kind of animal is the monstrous Fenrir from Norse mythology?
A: **wolf**
92. Who was the first woman to win the Pulitzer Prize for Fiction, awarded for her novel *The Age of Innocence*?
A: Edith **Wharton**
93. What is the chemical formula for dry ice?
A: **CO2**
94. What French term refers to a mixture of diced vegetables cooked on low heat, usually consisting of onions, celery, and carrots?
A: **mirepoix** ["meer-PWAH"]
95. Foil, sabre, and épée are the three disciplines of what sport?
A: **fencing**
96. In an October 2023 referendum, what country rejected the idea of creating an advisory body called the Indigenous Voice to Parliament?
A: **Australia**
97. Apart from Hawaii, what is the only other US state where the majority of the population lives on islands?
A: **New York**
98. Though they would later end up pillaging it, the stated goal of the Eight-Nation Alliance was to relieve the siege of what capital city?
A: **Beijing** (accept: **Peking**)
99. What word describes a male horse under four years of age and is the surname of the inventor of the revolver?
A: **colt**
100. What inhabitant of the Quinta del Sordo painted the *Los Caprichos* series?
A: Francisco de **Goya**

END OF GAME