



## 2023-24 Post-Secondary Late Fall Tournament (T2) – Pack 10

---

**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 10

## 5-Part Blitz

1. In what city did Moritz Schlick lead a group of logical positivist philosophers in the interwar period?  
A: **Vienna**
2. Who wrote the operas *The Tales of Hoffman* and *Orpheus in the Underworld*, the latter of which contains a famous can-can?  
A: Jacques **Offenbach**
3. Besides a mature egg cell, several of what smaller cells are created during oogenesis?  
A: **polar body**
4. On August 17th and 18th, 2023, high winds caused what kind of natural disaster to devastate the shores of Lake Okanagan in British Columbia?  
A: forest **fire** (accept: **wildfire**)
5. Mixing pigments with an egg yolk emulsion characterizes what style of painting?  
A: **tempera** painting

## Double Jump

6. Who addressed the "hypocrite reader" in the "Spleen and Ideal" section of his magnum opus *Les Fleurs du Mal*?  
A: Charles **Baudelaire**
7. What French Romantic poet took inspiration from his tumultuous romance with Paul Verlaine in penning *A Season in Hell* and *The Drunken Boat*?  
A: Arthur **Rimbaud**

## Double Jump

8. What element is the lightest element with only radioactive isotopes, and the first to be artificially produced?  
A: **technetium** (accept: **Tc**)
9. What isotope of technetium with 56 neutrons is the most commonly-used medical radioisotope and the most significant contributor to the nuclear waste produced from uranium fission?  
A: technetium-**99**

## Set of 4: Water Sources

10. What term refers to a bridge designed to carry water, a common feature of ancient Roman infrastructure?  
A: **aqueduct**
11. What "C"-word refers to sinkholes in the limestone bedrock of the Yucatan peninsula, which served as important water sources for the Mayan civilization?  
A: **cenote** ["say-NO-tay"]
12. Lake Powell, created by the Glen Canyon Dam, and Lake Mead, created by the Hoover Dam, are both fed by what gradually drying-up river?  
A: **Colorado** River
13. Found underneath the Great Plains of the United States, what aquifer stretches across 8 states?  
A: **Ogallala** aquifer

## Jackpot

14. Part 1: What position is held by two interlocutors in a satirical dialogue by Erasmus that features a snarky "Genius"? At the end of the dialogue, one holder of this position resolves to break down a set of doors using the armies he has amassed, after the other refuses to let him in.
15. Part 2: The triregnum and the ring of the fisherman are associated with holders of this position.
16. Part 3: From the 1400s onwards, holders of this position officially adopted an honorific that can be roughly translated as "great bridge builder". The Guelphs were characterized by their support for holders of this position.
17. Part 4: Holders of this position reside in the Apostolic Palace in Vatican City.  
A: **pope** of the Roman Catholic Church (accept: **pontifex maximus**, **bishop of Rome**, the **papacy**)

## Set of 3: LGBTQ Fiction

18. What painter becomes infatuated with the title character and resolves to immortalize his beauty in Oscar Wilde's *The Picture of Dorian Gray*?  
A: **Basil Hallward** (accept either bolded part)
19. The book *Loveless* by Alice Oseman follows a girl with what orientation?  
A: **aromantic asexual** (accept either bolded part in either order) (accept: **aro**, **ace**, **aroace**)
20. After her relationship with her female best friend is discovered, what 12-year-old girl is sent to conversion camp to be "miseducated" in a novel by Emily M. Danforth?  
A: **Cameron** Post (prompt on: Post)

## 5-Part Blitz

21. What word refers to turning a limb downward or inward and is the antonym of supinate?  
A: **pronate** (accept word forms) (reject: prone)
22. By what single word is "rock, paper, scissors" sometimes alternatively known?  
A: **roshambo**
23. What colour is represented by the hex code FF0000?  
A: **red**
24. What band's album *Three Cheers For Sweet Revenge* contains the songs "Cemetery Drive" and "I'm Not OK (I Promise)"?  
A: **My Chemical Romance** (accept: **MCR**)
25. What property of a function can be computed using L'Hôpital's rule, which predicts the behaviour the function takes as it approaches a certain value?  
A: **limit**

## END OF FIRST QUARTER

---

## SECOND QUARTER

### Splits: Rocks and Minerals & The Toronto Blue Jays

#### Rocks and Minerals

26. What rock, a form of chert, was commonly used in prehistoric times to start fires?  
A: **flint**

27. Along with pyroxene, what mineral comprises most of Earth's upper mantle?  
A: **olivine**
28. Many watches and clocks rely on oscillators containing small crystals of what mineral?  
A: **quartz**
29. The metamorphism of shale creates what kind of rock?  
A: **slate**

### **The Toronto Blue Jays**

30. Whose iconic walk-off homerun clinched the 1993 World Series for the Toronto Blue Jays?  
A: Joe **Carter**
31. What three players typically batted second through fourth for the 2015 Blue Jays offence that scored over 100 more runs than any other team that season?  
A: Josh **Donaldson** AND José **Bautista** AND Edwin **Encarnacion**
32. Prior to his tragic death in 2017, what Hall of Fame ace spent most of his career with the Toronto Blue Jays, and threw a perfect game and playoff no-hitter for the Phillies in 2010?  
A: Roy **Halladay**
33. What active Blue Jays player holds the record for most consecutive games with a double, and is the son of a longtime Rockies outfielder?  
A: Bo **Bichette**

### **Double Jump**

34. Soil that remains continuously frozen for two years or more is referred to by what "P"-word?  
A: **permafrost**
35. What other "P"-word refers to tall, dome-shaped hills found in permafrost landscapes where the formation of ice has pushed up an area of land?  
A: **pingos**

### **Double Jump**

36. Who was accused of identity theft after dressing up in a mustard-coloured shirt and fake glasses, buying a bobblehead, and talking about bears in order to impersonate his co-worker Dwight?  
A: **Jim Halpert** (accept either bolded part)
37. At the start of the episode "Booze Cruise", Jim puts Dwight's wallet, and many of his desk items, inside what kind of machine?  
A: **vending** machine

### **Set of 4: European Rice Dishes**

38. Unwashed Arborio rice is most commonly used to make what creamy Italian dish consisting of rice cooked in broth?  
A: **risotto**
39. Despite being traditional to Denmark, what kind of rice and almond pudding has a French name that references its two main ingredients?  
A: **risalamande** ["ree-sa-la-MAWNG"] (accept: ris à l'amande)
40. With a Catalan name translating to "frying pan", what is the most popular rice dish in Spanish cuisine?  
A: **paella** ["pa-AYY-ah"]
41. What country is the origin of a spinach and rice dish called spanakorizo?  
A: **Greece**

## Set of 4

42. What country suffered the second-highest death toll of World War II, with almost 20 million people killed from when it was invaded in July 1937 to the end of the war in 1945?  
A: **China**
43. What American general served as Chiang Kai-Shek's chief of staff and co-ordinated Lend Lease supplies to China?  
A: Joseph "Vinegar Joe" **Stilwell**
44. Japanese forces advanced to Nanjing following their victory at what major battle, which involved a combined total of one million troops and lasted from August to November 1937?  
A: Battle of **Shanghai**
45. In 1938, after Nanjing and Wuhan had fallen, Chiang moved the capital of Nationalist China to what city farther west?  
A: **Chongqing** (accept: **Chungking**)

## 5-Part Blitz

46. In 2009, what video game franchise controversially allowed players to launch a terrorist attack at an airport in the "No Russian" mission?  
A: **Call of Duty** (accept: **CoD**)
47. What was the most recent country to join the Eurozone?  
A: **Croatia**
48. What word, which sounds like it might mean a gambler, refers to someone who helps with a crime?  
A: **abettor**
49. Around the time of the Seven Years' War, Voltaire famously described Canada as "a few acres of" what?  
A: a few acres of **snow**
50. You will have five seconds. What is 26 times 34?  
A: **884**

## END OF FIRST HALF

---

## THIRD QUARTER

### Splits: Movies of the 1960s & Forces

#### Movies of the 1960s

51. Marion Crane checks into the Bates Motel near the beginning of what iconic black-and-white film?  
A: **Psycho**
52. What film won an Oscar for Best Original Song for "Moon River", a song performed by Audrey Hepburn's character Holly Golightly?  
A: **Breakfast at Tiffany's**
53. What unofficial remake of Akira Kurosawa's *Yojimbo* was the first in a trilogy that also includes *For a Few Dollars More* and *The Good, the Bad and the Ugly*?  
A: A **Fistful of Dollars**
54. *Seven Pillars of Wisdom* was the basis for what biopic depicting the title character's life during World War I in the Ottoman Empire?  
A: **Lawrence of Arabia**

#### Forces

55. Name all three physicists that shared the 1979 Nobel Prize for their work in electroweak theory.  
A: Sheldon Lee **Glashow** AND Abdus **Salam** AND Steven **Weinberg**
56. What scientist names the force equal to the sum of electric and magnetic forces acting on a charged particle?  
A: Hendrik **Lorentz**
57. The net force when an object undergoes uniform circular motion has what name?  
A: **centripetal** force
58. The curved shape of an aeroplane wing allows air passing around it to exert what upwards force?  
A: **lift**

### Double Jump

59. In what game can you score a 50-point bingo by using all seven of your letter tiles in one turn?  
A: **Scrabble**
60. Widely considered the greatest *Scrabble* player of all time, what New Zealand player has won five World Championships, in addition to winning the French-language championship without speaking French?  
A: Nigel **Richards**

### Double Jump

61. Jeremy Bentham and John Stuart Mill are both known for espousing what ethical position, which argues that bringing the greatest happiness to the greatest number of people is the ultimate ethical goal?  
A: **utilitarianism**
62. What utilitarian argued that animals' capacity to suffer means they should be valued equally to humans in his 1975 book *Animal Liberation*?  
A: Peter **Singer**

### Set of 3: Accession to the Union

63. On December 7, 1787, which US state was the first to ratify the Constitution, becoming the first state to join the Union?  
A: **Delaware**
64. What were the 39th and 40th states to join the Union? Their exact order of accession is unknown because president Benjamin Harrison shuffled the statehood papers before signing them.  
A: **North Dakota** AND **South Dakota** (prompt on: the Dakotas)
65. In what year were both Hawaii and Alaska admitted to the Union in its most recent enlargement?  
A: **1959** (prompt on: '59)

### Set of 5: Flowers

66. What flower names a common cross-legged meditation pose in Hinduism and Buddhism?  
A: **lotus** flower
67. After an old woman gave seeds of it to Russian soldiers and told them that the flowers would bloom from their corpses, what flower has become a symbol of Ukrainian resistance?  
A: **sunflowers**
68. What symbol was used by the House of York during a 15th-century conflict?  
A: **white rose** (prompt on: rose, white flower)
69. What is the provincial flower of British Columbia?  
A: **Pacific dogwood**

70. What name is given to a small bouquet of flowers pinned to a woman's clothes or tied to her wrist for formal events?  
A: **corsage**

### Linked Set of 5

71. What job is held by Mike McDaniel, John Harbaugh, Andy Reid, and Bill Belichick?  
A: football **coach** (accept: NFL **coach**)
72. With versions in many countries, what music-based reality TV show features a panel of four coaches?  
A: *The* **Voice**
73. Birgit Nilsson, Joan Sutherland, and Maria Callas all have what vocal range?  
A: **soprano**
74. What was the first name of the character played by James Gandolfini who was the protagonist of *The Sopranos*?  
A: **Tony** (accept: **Anthony**)
75. What type of cereal's mascot is a tiger named Tony?  
A: **Frosted Flakes**

## END OF THIRD QUARTER

---

## FOURTH QUARTER

### Jackpot

76. Part 1: To commemorate a historic enemy withdrawal, what city celebrates Evacuation Day every year on March 17th?
77. Part 2: Beginning in 1982, this city moved its Central Artery underground in a massive project known as its "Big Dig". This city's blue subway line provides access to Logan International Airport.
78. Part 3: This city is at the mouth of the Charles River. Its namesake Common is the oldest public park in the United States.
79. Part 4: This is the largest city in New England and the capital of Massachusetts.  
A: **Boston**

### Set of 3: Jazz in the 21st Century

80. What Icelandic jazz musician rose to fame in 2023 with her sophomore album *Bewitched* featuring the single "From The Start"?  
A: **Laufey** ["LOY-vey"] **Jonsdottir** (accept either bolded part)
81. *Chamber Music Society* was the breakout album of what jazz musician, earning her the Best New Artist Grammy for 2010?  
A: Esperanza **Spalding**
82. At the 2003 Grammy awards, what jazz fusion artist, the daughter of Ravi Shankar, won Best New Artist as well as Album of the Year with *Come Away With Me*?  
A: Norah **Jones**

### Set of 3

83. Archaea, Eukarya, and Bacteria are all what taxonomic rank?  
A: **domain**

84. The body of works that can be used or referenced by anyone without permission is known by what term?  
A: **public domain**
85. The right of a government to expropriate private property for public use is known by what term?  
A: **eminent domain**

### Set of 3: Literary Genres

86. What genre with a German name follows the moral and psychological development of a young person as they grow up?  
A: **bildungsroman**
87. The *Kingdom of This World*, *Beloved*, and *Like Water for Chocolate* are all examples of what genre, which flourished in 20th-century Latin America?  
A: **magical realism** (accept: **magical realist**) (reject partial answers)
88. What hybrid genre incorporates supernatural elements into science fiction?  
A: **science fantasy**

### 12-Part Blitz

89. What city's metropolitan area includes the cities of Makati, Caloocan ["cal-loh-OH-can"], Pasig, and Quezon ["KAY-zon"] City?  
A: **Manila**
90. What "I"-word describes diseases whose origin is unknown?  
A: **idiopathic**
91. What word refers to notation used for guitars and other fretted instruments that records the location of notes rather than their pitch?  
A: **tablature**
92. What ship's crewmembers have their fates catalogued by the player, who uses a time-travelling stopwatch, in a Lucas Pope game?  
A: **Obra Dinn**
93. Who gives his name to statements commonly written as sine squared plus cosine squared equals 1, and A squared plus B squared equals C squared?  
A: **Pythagoras**
94. "The quick brown fox jumped over the lazy dog" is an example of what kind of sentence, which uses every letter of the alphabet?  
A: **pangram**
95. Popularly used above cradles in nurseries, what kind of moving sculpture was pioneered by Alexander Calder?  
A: **mobile**
96. Who is the main antagonist of the Smurfs comics?  
A: **Gargamel**
97. Ever since the Royal Spanish Academy decided to exclude digraphs in 2010, how many letters are in the Spanish alphabet?  
A: **27**
98. The dyes used in litmus paper are extracted from what organisms?  
A: **lichen**
99. What pop star filed for divorce from his wife Sophie Turner in September of 2023?  
A: **Joe Jonas** (prompt on: Jonas)
100. Deer in their first year of life are referred to by what name?  
A: **fawns**

END OF GAME