



2024-25 Post-Secondary Late Fall Tournament (T1) – Pack 5

Head Editor: *Zhongtian Wang*

Writers/Editors: *Odin Fisher-Skau, Max Gedajlovic, Ian Greig, Paul Kasiński, Yadu Kukenthiran, Jenny Mao, Malhaar Moharir, Jack van Nostrand, Ryan Sharpe, Joe Su, Isaac Thiessen, Zhongtian Wang, Adrian Wong*

PACK 5

5-Part Blitz

- Members of what ethnicity adopted a dance they call the Horah from Romania, and most commonly do it to the music of "Hava Nagila"?
A: **Jewish** people (accept: Ashkenazi **Jews**, **Ashkenazim**)
- Fallout*, *The Summer I Turned Pretty*, *Invincible*, and *The Boys* are all TV series produced and distributed by what company?
A: **Amazon Prime** Video (accept either bolded part) (accept: **Amazon MGM Studios**)
- The cities of Sparks, Carson City, and Reno are found in which American state?
A: **Nevada**
- The "dot MD" in README.md files stands for what text formatting language used in Discord messages and Reddit posts?
A: **Markdown**
- What empire's king Muwatalli II fought Ramses II at the Battle of Kadesh?
A: **Hittite** Empire

Double Jump

- Separating the 235 and 238 isotopes of what element is a key step in producing usable nuclear fuel?
A: **uranium** (accept: **U**)
- The decay chain of uranium-235 and uranium-238 both end with a stable isotope of what element?
A: **lead** (accept: **Pb**)

Double Jump

- What kind of objects are falchions ["FAL-chuns"], rapiers, and scimitars?
A: **swords** (prompt on: **weapons**)
- Nicknames like the "bastard sword" and the "hand-and-a-half sword" were given to what two-handed weapon, which rose to prominence in the early phases of the Hundred Years' War?
A: **longsword**

Set of 4

- What composer has scored for films such as *Gladiator*, *Interstellar*, and *Inception*?
A: Hans **Zimmer**
- Zimmer won his first Oscar for scoring what 1994 movie?
A: *The **Lion King***
- Zimmer also scored what 2021 spy movie, the most recent in the James Bond franchise?
A: ***No Time to Die***
- Zimmer is briefly shown playing keyboard in the music video to what song, the first music video shown on MTV?
A: ***"Video Killed the Radio Star"***

Jackpot

14. Part 1: What city gives its name to a 1701 treaty known as its “Great Peace”?
15. Part 2: This city became a major port in the 1800s after a canal was built to bypass a set of dangerous rapids. This city is home to St. James Street, which for many decades was the main financial district of its country.
16. Part 3: This city’s economic decline began when a much larger system of locks and canals opened in the 1950s, allowing commerce to travel upriver past this city.
17. Part 4: Restrictive language laws would later lead many companies to move from this city to Toronto. Today, this is the second-largest city in Canada.
- A: **Montreal**

Set of 3: International Food and Drink

18. The inclusion of what sweet ingredient characterizes Vietnamese iced coffee known as ca phe [“ka fay”] sua da?
- A: sweetened **condensed milk**
19. Which French mother sauce used to make demi-glace [“glass”] is made from a dark roux and beef or veal stock?
- A: **espagnole** sauce
20. Outside of Japan, what plant of the same taxonomic family is often used in place of real wasabi?
- A: **horseradish**

5-Part Blitz

21. What word names both an ice cream bar surrounded by a shell of chocolate and the most common variant of solitaire?
- A: **Klondike**
22. What is the capital and largest city of Puerto Rico?
- A: **San Juan**
23. RGB and CMYK are two different models used to describe what phenomenon?
- A: **colour**
24. What language do the English words wiki, luau, and ukulele come from?
- A: **Hawaiian**
25. What name is given to the ring of tall clouds, high winds, and severe thunderstorms that immediately surrounds the centre of a hurricane?
- A: **eyewall**

END OF FIRST QUARTER

SECOND QUARTER

Splits: Video Game Abbreviations & Medical Abbreviations

Video Game Abbreviations

The answers to the following questions will be the full expanded forms of common abbreviations used in video games.

26. Used to refer to a brief cutscene where the player must react immediately, such as by suddenly dodging an attack, what does QTE stand for?
- A: **quick-time event**

27. A character class often contrasted with tanks and healers, what does DPS stand for?
A: **damage per second**
28. This quantity has a three-word name, and if its value is below one, you are probably not good at first-person shooters. What does KDR stand for?
A: **kill-death ratio**
29. *League of Legends* and *DOTA 2* are among the most popular strategy games in this genre, which pits two teams against each other on a predefined map. What does MOBA ["MOH-bah"] stand for?
A: **multiplayer online battle arena**

Medical Abbreviations

The answers to the following questions will be the full expanded forms of common medical abbreviations.

30. Used to help get a good night's sleep for those with obstructive sleep apnea, what does the "CPAP" in CPAP machines stand for?
A: **continuous positive airway pressure**
31. Crohn's disease and ulcerative colitis are types of IBD, which stands for what?
A: **inflammatory bowel disease**
32. Family doctors are often also referred to as GPs. What does GP stand for?
A: **general practitioner**
33. Used to deliver medicine or nutrition to the bloodstream much quicker, what does IV stand for?
A: **intravenous**

Double Jump

34. What religion's deities include Susanoo ["SU-san-oh"], Tsukuyomi, and Amaterasu?
A: **Shintoism**
35. Name either of the deities, a husband and wife pair, who are considered in the *Nihon Shoki* to be the parents of Amaterasu, Tsukuyomi, and Susanoo.
A: **Izanagi** OR **Izanami**

Double Jump

36. Notably added to the Windows 11 edition of Microsoft Paint, what drawing surfaces can digital artists edit independently and then stack to create a complete picture?
A: **layers**
37. In digital art software, what "M"-word refers to a feature that protects certain areas of an image from being drawn upon? These things come in layer, clipping, and alpha varieties, among others.
A: **mask**

Set of 4

38. What language differs from most all other known languages in that its vocabulary grows smaller instead of larger every year, as words are removed to simplify thinking, according to the appendix of a novel in which it appears?
A: **Newspeak**
39. The Newspeak word "Minipax" refers to what Oceanian government agency, responsible for waging war?
A: **Ministry of Peace** (prompt on: Peace)
40. What Newspeak word refers to a simultaneous belief in contradictory propositions?
A: **doublethink**

41. Someone who has been executed for thoughtcrime and expunged from all records is referred to by what Newspeak word?
A: **unperson**

Set of 5

42. What building was hit by American Airlines Flight 77 on September 11th, 2001?
A: The **Pentagon**
43. During what war were the Pentagon Papers released?
A: **Vietnam** War
44. What is the degree measure of each internal angle in a regular pentagon?
A: **108** degrees
45. What Greek letter symbolizes the ratio between a diagonal and side length of a regular pentagon?
A: **phi**
46. A pentagonal prism is the shape of what three-dimensional area in baseball?
A: **strike zone**

4-Part Blitz

47. Based on its free streaming length, dark matter can be divided into what three categories?
A: **cold** dark matter AND **warm** dark matter AND **hot** dark matter
48. What landmark, whose name comes from the Arabic phrase "Jabal Tariq", is considered one of the pillars of Hercules?
A: **Rock of Gibraltar** (prompt on: Gibraltar)
49. The French language is often described as "the language of" what 17th-century playwright, who wrote *The Misanthrope* and *Tartuffe*?
A: **Molière** (accept: Jean-Baptiste **Poquelin**)
50. In 330 AD, what city became a new imperial capital of the Roman Empire?
A: **Constantinople** (accept: **Byzantium**)

END OF FIRST HALF

THIRD QUARTER

Splits: DC Comics & Ballet

DC Comics

51. Preston Payne, Matt Hagen, and Basil Karlo have all assumed the identity of what supervillain, a shapeshifting enemy of Batman?
A: **Clayface**
52. Gail Simone coined what term in reference to a Green Lantern storyline in which Alexandra DeWitt, Kyle Rainer's girlfriend, is murdered?
A: **fridging** (accept word forms) (accept: **women in refrigerators**)
53. What character is the mother of Wonder Woman?
A: Queen **Hippolyta** of Themyscira
54. What is the real name of the second Robin, who was killed by the Joker and resurrected as the Red Hood?
A: **Jason Todd** (accept either bolded part)

Ballet

55. What term refers to bending the knees outwards whilst maintaining upright posture?
A: **plié** (accept: demi-**plié**, grand **plié**)
56. Grades 1 through 8, and the Vocational Grades, are awarded through examinations by what British ballet organization with schools around the world?
A: **Royal Academy of Dance** (accept: **RAD**)
57. Late in her career, Margot Fonteyn formed a successful partnership with what dancer, whose defection to the West in Paris in 1961 was the first for a major Soviet artist?
A: Rudolf **Nureyev**
58. The "Waltz of the Flowers" and the "Dance of the Sugar Plum Fairy" appear in what ballet?
A: *The **Nutcracker***

Set of 3: Chinese Cities

59. As China has urbanized, rural people moving to cities for work have remained legally tied to their places of birth by what system?
A: **hukou** system (accept: **huji** system)
60. Wuhan, Chongqing ["chong-CHING"], Nanjing, and Shanghai all lie on what river?
A: **Yangtze** River
61. What northwestern city was the capital of the Sui, Tang, and Western Han dynasties?
A: **Xi'an** (accept: **Chang'an**)

Jailbreak

62. Fire, house, dragon, butter, and tsetse can all be followed by what word in the names of insects?
A: **fly**
63. The past two Australian Opens have both been won by what Belarusian, currently first in the women's world rankings?
A: Aryna **Sabalenka**
64. What song includes the lines "Heaven is a place on Earth with you / Tell me all the things you wanna do" and was the debut single of Lana Del Rey?
A: **"Video Games"**
65. Fill in the two missing words from a poem by Langston Hughes: "What happens to a BLANK BLANK? Does it dry up, like a raisin in the sun?"
A: **dream deferred**
66. Newton's second law can be written as the time derivative of what quantity equals the net force?
A: linear **momentum**
67. In Spanish, armada is to a larger group of ships as what is to a smaller group of ships?
A: **flotilla**
68. Who was *Time's* Person of the Twentieth Century?
A: Albert **Einstein**
69. What general earned his nickname from the strong defence his forces put up at the First Battle of Bull Run in 1861?
A: Thomas "Stonewall" **Jackson** (prompt on: **Stonewall**)
70. Rounded to the nearest degree Celsius, what is the value of absolute zero?
A: **-273** degrees Celsius
71. Tucker, Delgado, Pritchett, and Dunphy are the last names of characters on what mockumentary-style sitcom that aired from 2009 to 2020?
A: **Modern Family**
72. The Ariya and the Leaf are electric car models produced by what car manufacturer?
A: **Nissan**

73. A major June 2024 break on the Bearspaw South Feeder main led to months of restrictions on water usage in what Canadian city?
A: **Calgary**
74. What occupation does the title character have before he is taken under the wing of math professor Gerald Lambeau in the film *Good Will Hunting*?
A: **janitor** (accept: **custodian**, **caretaker**, **cleaner**)
75. What scientist's "loop" and "junction" rules are fundamental to circuit analysis?
A: Gustav **Kirchhoff**

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: What was the surname of a game show contestant who memorably told his dad that he knew the answer to a question about Richard Nixon appearing on *Laugh-In*?
77. Part 2: In a movie directed by a man with this surname, paranormal activity begins to surround the town of Antonio Bay on the eve of its centennial.
78. Part 3: In one song, a duo with this surname ask "Why do birds suddenly appear / Every time you are near?"
79. Part 4: A former Disney Channel star with this surname sings "heartbreak is one thing, my ego's another" in her hit "Please, Please, Please".
A: **Carpenter**

Streak

80. Excluding Gladwyn Jebb's role at the very beginning of its existence, name up to all of the nine secretaries-general of the United Nations.
- A: Trygve **Lie**
- A: Dag **Hammaraskjold**
- A: U **Thant**
- A: Kurt **Waldheim**
- A: Javier **Perez de Cuellar**
- A: Boutros **Boutros-Ghali**
- A: Kofi **Annan**
- A: **Ban** Ki-Moon
- A: Antonio **Guterres**

Streak

85. Name up to all of the champions of the past five Super Bowls.
- A: **Kansas City Chiefs** (accept either bolded part) (accept: **KC** Chiefs)
- A: **Tampa Bay Buccaneers** (accept either bolded part) (accept: Tampa Bay **Bucs**)
- A: Los Angeles **Rams** (accept: LA **Rams**) (prompt on: Los Angeles, LA)

Set of 3: Budget Airlines

86. What ordinal direction names the world's largest budget airline by revenue, based at Love Field in Dallas?
A: **southwest**
87. The start-up budget airline PLAY uses what city's Keflavik airport as a connecting point for low-cost flights between Europe and North America?
A: **Reykjavik**
88. What French word for a colour names a subsidiary of Air Canada focused on offering low-cost fares for leisure travellers?
A: **rouge**

12-Part Blitz

89. Carlos Sainz and Alex Albon will both drive for what Formula One racing team next season?
A: **Williams** Racing
90. Multiplying 49 by 81 and then taking the positive square root gives what number?
A: **63**
91. Composite, compound, and recurve are all types of what ranged weapon?
A: **bow**
92. Whose death during the hijacking of the *Achille Lauro* ocean liner inspired an opera by John Adams?
A: Leon **Klinghoffer**
93. What two-word phrase refers to how fast a projectile would have to travel to leave the gravitational pull of a celestial body?
A: **escape velocity** (accept: **escape speed**)
94. Plotinus founded what philosophical tradition focused on reviving the ideas of a certain classical philosopher?
A: **Neoplatonism** (accept: **Neoplatonist**)
95. Often ridiculed for its blocky design composed of flat stainless steel panels, what electric pickup truck was made available to consumers in 2023?
A: Tesla **Cybertruck**
96. Shortly after attending his former bandmate's concert in Argentina, which One Direction member died after falling off a balcony?
A: **Liam Payne** (accept either bolded part)
97. South America and Antarctica are separated by what passage named for an English explorer?
A: **Drake** Passage
98. A splatter, fingerprint, shovel, and harp are among the new items contained in the sixteenth version of what character set overseen by the Unicode Consortium?
A: **emoji**
99. The probability of two events both happening can be found by multiplying the probabilities of each one, assuming that the events have what relationship to each other?
A: they are **independent** from each other (accept: **independence**, clear equivalents)
100. *Direct Action: An Ethnography*, *Bullshit Jobs*, and *Debt: The First 5,000 Years* were all written by what anthropologist and activist?
A: David **Graeber**

END OF GAME