



2023-24 Post-Secondary Late Fall Tournament (T2) – Pack 1

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PACK 1

5-Part Blitz

1. First used by Edward Bulwer-Lytton, what seven-word opening phrase is now seen as an uninspired and cliché way to begin a story?
A: **"it was a dark and stormy night"**
2. Magnitude A magnitude B cosine theta is what operation on two vectors?
A: **dot** product (accept: **scalar product**) (prompt on: inner product)
3. Who painted *Landscape with the Fall of Icarus*?
A: Peter **Bruegel the Elder** (prompt on: Peter Bruegel)
4. Which element has a molar mass of approximately 14?
A: **nitrogen** (accept: **N**)
5. In the MCU, Gwyneth Paltrow plays what CEO of Stark Industries and love interest of Tony Stark?
A: **Virginia "Pepper" Potts** (accept any bolded part) (accept: **Hera**, **Rescue**)

Double Jump

6. In what novella do the Ghosts of Christmas Past, Present, and Yet to Come visit Ebenezer Scrooge?
A: A **Christmas Carol**
7. What clerk employed by Scrooge is the father of Tiny Tim?
A: **Bob** Cratchit (prompt on: Cratchit)

Double Jump

8. What Rat Pack singer released the song "My Way" and had nicknames like "The Chairman of the Board" and "Ol' Blue Eyes"?
A: Frank **Sinatra**
9. "Fill my heart with song / And let me sing forevermore" opens the second verse of what other Sinatra song?
A: **"Fly Me to the Moon"**

Set of 4: Twins

10. Chang and Eng Bunker inspired what term for conjoined twins?
A: **Siamese** twins
11. What structure is shared by monochorionic twins, who make up three-quarters of identical twin pregnancies?
A: **placenta**
12. The names Taiwo and Kehinde are traditionally given to first-born and second-born twins in what African ethnic group, which has the highest rate of twin birth in the world?
A: **Yoruba** people
13. What biometric feature used in forensic analysis since the 19th century can be used to differentiate identical twins?
A: **fingerprints** (accept: **fingerprint** patterns) (prompt on: prints)

Jackpot

14. Part 1: What word is the English title of the work that first introduced the concept of commodity fetishism?
15. Part 2: In architecture, this word can also refer to the topmost part of a column.
16. Part 3: This is the first word in the name of a tax that is levied on income from stocks, bonds and real estate. Along with land and labour, this is one of the three main factors of production.
17. Part 4: This word can precede "punishment" to refer to the death penalty.
A: **capital**

Set of 3: Italian Arts

18. Who is widely considered to have written the first opera still performed today, *L'Orfeo*?
A: Claude **Monteverdi**
19. Known for his use of tenebrism, what Italian master painted *The Calling of Saint Matthew*?
A: **Caravaggio**
20. Though an accomplished painter in his own right, what Italian is best remembered for his series of biographies called *The Lives of the Most Excellent Painters, Sculptors and Architects*?
A: Giorgio **Vasari**

5-Part Blitz

21. Which part of the cell cycle consists of the G1, S, and G2 phases?
A: **interphase**
22. What was the fourth-largest lake in the world until Soviet irrigation projects diverted the rivers that flowed into it, causing it to dry up?
A: **Aral Sea**
23. Meaning "solid", what Greek prefix can be found in front of -phonic, -scopic, and -type?
A: **stereo**
24. What type of glasses lack arms and only touch the face at the nose?
A: **pince-nez** ["panss-NAY"]
25. Including coefficients, give both products of the balanced chemical equation for the decomposition of nitrous oxide into nitrogen and oxygen gas.
A: **2N₂ AND 1O₂**

END OF FIRST QUARTER

SECOND QUARTER

Splits: Disease Outbreaks & Hands

Disease Outbreaks

26. Daycares in what Canadian city saw a widespread September 2023 E. coli outbreak that likely came from a shared kitchen?
A: **Calgary**
27. In what country did civil war lead to a cholera outbreak from 2016 to 2022?
A: **Yemen**
28. Corrupted Blood was a disease that spread through Azeroth in what video game?
A: **World of Warcraft** (accept: **WoW**)

29. What alphanumeric name is given to the Influenza A virus that was responsible for the Spanish flu?
A: A/**H1N1**

Hands

30. Human fingernails are made of what protein?
A: alpha-**keratin**
31. Compression of the median nerve within what structure of the wrist leads to a namesake syndrome characterized by tingling and numbness?
A: **carpal tunnel**
32. In the animal kingdom, "hands" are commonly distinguished from "paws" based on what characteristic of the thumb?
A: **opposability** (accept: **opposable** thumbs)
33. How many phalanges are there in a human hand?
A: **14**

Double Jump

34. What type of letters must be "bought" in *Wheel of Fortune*?
A: **vowels**
35. Although prizes and other cash amounts have increased throughout the show's run, the price of a vowel has always remained a flat rate of how many dollars?
A: **\$250**

Double Jump

36. Completing the square can be used to convert a quadratic function into what form?
A: **vertex** form
37. You will have 5 seconds. Give both zeroes of the quadratic function $y = 2x^2 - 3x - 8$.
A: $x = \underline{1}$ AND $x = \underline{5}$

Set of 4: Miss

The word "Miss" will be required as part of each answer.

38. Frito-Lay produces what Canadian brand of kettle-cooked chips?
A: **Miss Vickie's**
39. What two-word name is often used for the University of Mississippi?
A: **Ole Miss**
40. Sandra Bullock stars as a secret agent going undercover as a beauty pageant contestant in what 2000 action comedy?
A: **Miss Congeniality**
41. *A Pocket Full of Rye* and *Murder at the Vicarage* are two of the many novels that feature what sleuth?
A: **Miss Jane Marple**

Set of 4: Programming

42. What kind of program can be used to translate instructions from a high-level programming language to machine code?
A: **compiler**

43. The letter "M" in the MERN development stack represents what database program?
A: **MongoDB**
44. What three-letter keyword is used to begin function and method headers in Python?
A: **def**
45. The Angular web framework uses what variant of JavaScript?
A: **TypeScript**

5-Part Blitz

46. What element's melting point of -39 degrees is the lowest among all metals, making it liquid at room temperature?
A: **mercury** (accept: **Hg**)
47. What German composer is credited with popularizing Bach's *St. Matthew Passion* and wrote the oratorio *Elijah* as well as the *Hebrides Overture*?
A: Felix **Mendelssohn**
48. In what comedy do two insurance employees pretend that their dead boss is alive while at a party he is hosting?
A: **Weekend at Bernie's**
49. What rodents take baths in dust or ash to clean themselves instead of using water?
A: **chinchillas**
50. After refusing to recognise Nicolas Maduro's 2018 re-election, the National Assembly of Venezuela elected what member as president, though he was never able to take power?
A: Juan **Guaido**

END OF FIRST HALF

THIRD QUARTER

Splits: Legal Matters & New France

Legal Matters

51. What is the common name of the case in which Henrietta Edwards and four other women appealed to the Privy Council, resulting in women being allowed to be appointed to the Canadian Senate?
A: **Persons** case
52. What four-word title names judicial officers of lower courts, presiding most often in Canada over summary and by-law prosecutions?
A: **justice of the peace**
53. What is the name of the three-word legal doctrine which was first found to be unconstitutional by the US Supreme Court in 1954 in *Brown v Board of Education*?
A: **separate but equal**
54. What term is used in criminal law to describe the mental state of the perpetrator of a crime, and translates to "guilty mind"?
A: **mens rea**

New France

55. Who kidnapped Donnacona, the chief of Stadacona, during his second voyage, and was the first European to describe and map the St. Lawrence?
A: Jacques **Cartier**

56. Ribbon farms were a characteristic method of dividing land in what semi-feudal system of land tenure used in New France?
A: **seigneurial** system (accept: **manorial** system)
57. What First Nation did Jean de Brébeuf proselytize to as they fought the Beaver Wars against the Iroquois Confederacy?
A: **Huron-Wendat** (accept either bolded part)
58. What kind of objects were used as substitutes for minted currency in New France during times of economic hardship?
A: playing **cards**

Double Jump

59. What two teams have faced off in a record 12 NBA Finals, including 3 in the 1980s when they were led by Larry Bird and Magic Johnson?
A: **Boston Celtics** (accept either bolded part) AND Los Angeles/LA **Lakers** (prompt on: Los Angeles, LA)
60. What nickname was given to the explosive Lakers teams of the 1980s, who used an entertaining fast break offence?
A: **"Showtime"**

Double Jump

61. What is the international symbol for breast cancer awareness?
A: **pink ribbon** (prompt on: ribbon)
62. What colour of ribbon is traditionally given for a third place finish?
A: **white**

Set of 3: Internet Memes

63. What country gives its name to countryball memes?
A: **Poland**
64. Sometimes left unmodified for comedic effect, what two words make up the placeholder of the lower portion of an image macro?
A: **bottom text**
65. Big Chungus is a meme of what character, whose image was taken from a cartoon in which he is trying to mock his enemy Elmer Fudd?
A: **Bugs** Bunny

Set of 5: Also a Military Rank

Every answer will contain a military rank.

66. What kind of financial company uses strategies such as venture capital and leveraged buyouts to invest in companies not traded on the public stock market?
A: **private equity** company/firm
67. What name referred to Canada's de facto national flag before the adoption of the official flag in 1965?
A: **Red Ensign**
68. Buick, Cadillac, Chevrolet, and GMC are all marques of what car company?
A: **General Motors** (prompt on: GM)
69. Founded by Jack Tremiel, what technology company dominated the nascent personal computer industry in the late 70s and 80s, with its "64" model of computer being the best-selling desktop of all time?
A: **Commodore** International (accept: **Commodore** Business Machines)

70. "Light It Up", "Cold Water", and "Lean On" are all hits for what EDM trio led by Diplo?
A: **Major Lazer**

Linked Set of 5

71. What two-dimensional shape is formed by all of the points a certain distance from one specific point?
A: **circle**
72. Which of the Deathly Hallows is represented by a circle in the symbol of the Hallows?
A: **Resurrection Stone** (prompt on: Stone)
73. What Christian holiday commemorates the resurrection of Jesus?
A: **Easter** Sunday
74. To which South American country does Easter Island belong?
A: **Chile**
75. What country was cut off from the ocean when its coastal territory was seized by Chile?
A: **Bolivia**

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: Who warned "Don't tell, they'd advertise" in a poem that later rhymes "frog" and "bog"?
77. Part 2: This person asked "Are you too deeply occupied to say if my verse is alive?" in a letter they wrote to Thomas Higginson, who later helped popularize them.
78. Part 3: Though it is now appreciated as deliberate, this person's frequent use of dashes was thought to be amateurish by their contemporaries. This person wrote "I taste a liquor never brewed".
79. Part 4: This woman usually did not title her poems, so they are known by their first lines, such as "Because I could not stop for Death".
A: Emily **Dickinson**

Streak

80. Give the names of up to all the countries in Africa that do not own any land on the African mainland.
- A: **Cape Verde** (accept: Cabo Verde)
- A: the **Comoros**
- A: **Madagascar**
- A: **Mauritius**
- A: **São Tomé and Príncipe**
- A: the **Seychelles**

Streak

84. Name up to any six cities that, as of 2023, have hosted the modern Olympics at least twice.
- A: **Beijing**
- A: **London**
- A: **Paris**
- A: **Lake Placid**

- A: **Innsbruck**
A: **Tokyo**
A: **Athens**
A: **Los Angeles** (accept: **LA**)
A: **St. Moritz**

Set of 3: Ancient Writings

86. What Ancient Greek work recounts the retreat through the desert of a force of ten thousand soldiers from Persia to the Black Sea and was written by their leader, Xenophon?
A: **The Anabasis**
87. The *Five Classics and the Four Books* were written by what man and his disciples? This man lived during the Spring and Autumn period in China.
A: **Confucius**
88. What language was used to write the Upanishads and the Bhagavad Gita?
A: **Sanskrit**

12-Part Blitz

89. Featuring a drawing by Adonis Graham on its cover, what Drake album was released this October?
A: **For All the Dogs**
90. What is the most populous autonomous community in Spain, containing provinces such as Almeria, Granada, and Seville?
A: **Andalusia**
91. What alliterative term is used to refer to a word that looks or sounds similar to another word in a different language, but is not actually similar in meaning?
A: **false friend**
92. *Eastern Promises*, *Videodrome*, and *The Fly* are all films by what Canadian director?
A: David **Cronenberg**
93. What "R"-word can refer to the peel of a fruit?
A: **rind**
94. What kind of creature does the player guide in jumping over cactuses in the Google game that loads when someone has no internet connection?
A: **dinosaur** (accept: **T. rex**, **Tyrannosaurus rex**)
95. What family of superheroes moves to Hiddenville to start a normal life in a Nickelodeon series starring Jack Griffio?
A: The **Thundermans**
96. What phrase names both a 1965 song by the Beatles and a railway-themed board game?
A: **Ticket to Ride**
97. The difference in energy between an incoming photon and the kinetic energy of an outgoing photoelectron is equal to what quantity?
A: **work function**
98. The Toronto Symphony Orchestra plays in what concert venue in downtown Toronto named for a media mogul?
A: **Roy Thomson Hall**
99. What kind of fantastical creature does the French word "loup-garou" ["loo ga-ROO"] refer to?
A: **werewolf** (accept: **lycanthrope**)
100. Fufu is a West African dish made from what root vegetable that can also be processed into tapioca?
A: **cassava**

END OF GAME