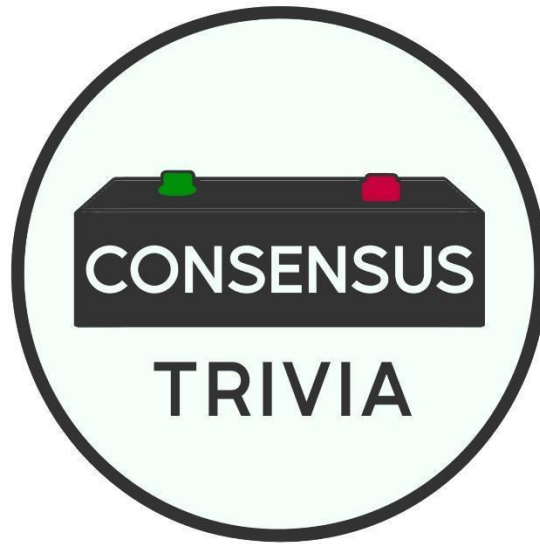




2025-26 Post-Secondary Fall Tournament (T1) – Pack 5

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PACK 5

5-Part Blitz

1. Whose origin story is explored in a Disney+ series whose title begins with "Your Friendly Neighborhood"?
A: **Spider-Man** (accept: **Peter Parker** (accept either bolded part))
2. What route would the singer take just one time, to find the hand of Franklin reaching for the Beaufort Sea, in a folk song by Stan Rogers?
A: the **Northwest Passage**
3. What term refers to a number such as 28 or 6, whose factors excluding itself sum to the number?
A: **perfect** numbers
4. Who is frequently interrupted by a Greek chorus of twelve hanged maids as she gives her perspective on the events of the *Odyssey* in a Margaret Atwood novella?
A: **Penelope**
5. What term refers to a console's ability to play games made for previous consoles by the same manufacturer?
A: **backwards compatibility** (accept: **backwards compatible**)

Double Jump

6. What word of Russian origin is used to describe alliances of three powerful men in the Soviet Union?
A: **troikas**
7. When Vladimir Lenin's health declined, what three men formed a troika that governed the country for the next few years?
A: Joseph **Stalin** AND Lev **Kamenev** AND Grigori **Zinoviev**

Double Jump

8. Either player can achieve maximal success if they defect while the other player cooperates in what two-player game studied by game theorists?
A: **prisoner's dilemma** (accept: iterated **prisoner's dilemma**)
9. In a famous experiment run by game theorist Robert Axelrod, what surprisingly simple strategy won a large tournament of the iterated prisoners' dilemma?
A: **tit-for-tat**

Set of 4: At the Dentist

10. An early stage of periodontal disease and predominantly caused by plaque, what condition is characterized by inflamed gums?
A: **gingivitis**
11. What term referring to the enamel-covered visible portion of a tooth also names the artificial device that caps a tooth?
A: **crowns**
12. Endodontics focuses on what specific part of a tooth, which consists of tissue, nerves, and blood vessels, and is the tooth's innermost layer?
A: **pulp**

13. What treatment for severely inflamed or decayed teeth entails the removal of infected pulp from within a tooth?
A: **root canal** treatment/therapy/surgery

Jackpot

14. Part 1: An alternate version of what character named Frank Cross was played by Bill Murray in a 1988 movie?
15. Part 2: This was the human name of a spirit played by Will Ferrell in a 2022 musical film where he starred alongside Ryan Reynolds.
16. Part 3: This character and his family were the only human characters in a movie where Michael Caine played him across from the Muppets.
17. Part 4: In an 1843 novella, this character is visited by the ghost of Jacob Marley and three ghosts representing past, present, and future Christmases.
A: **Ebenezer Scrooge** (accept either bolded part)

Set of 3: Medieval Monarchs

18. Who drowned crossing the Saleph River while on his way to the Third Crusade, during his reign as Holy Roman Emperor?
A: **Frederick Barbarossa** (accept: **Frederick I**) (prompt on partial answers)
19. What woman fought a civil war known as the Anarchy against her cousin Stephen of Blois ["blwah"] for the English throne?
A: Empress **Matilda** (accept: Empress **Maud**)
20. Kievan Rus ["rooss"] reached its greatest size under what grand prince in the first half of the 11th century?
A: **Yaroslav the Wise** (accept: **Yaroslav I**) (prompt on: Yaroslav)

5-Part Blitz

21. Name both non-natural notes in D harmonic minor.
A: **B-flat** AND **C-sharp**
22. The Pleistocene and what other epoch together form the Quaternary Period, which we currently live in?
A: **Holocene** epoch
23. Bermuda is closest to which country?
A: **United States** of **America** (accept either bolded part) (accept: **USA**)
24. What English noun comes from the Latin meaning "something that has been done or taken place"?
A: **fact**
25. What 2025 television miniseries earned Owen Cooper a record-breaking Emmy win for playing an English teenager accused of murdering a classmate?
A: **Adolescence**

END OF FIRST QUARTER

SECOND QUARTER

Splits: Elemental History & Mutinies

Elemental History

26. What was the first element discovered after ancient times, in 1669 by alchemist Hennig Brand when he produced a green glow after working with urine?
A: **phosphorus** (prompt on: P)
27. Who corrected the mass and valence of beryllium and accurately predicted the existence and properties of germanium, gallium, and scandium when he proposed 8 periodic laws in 1869?
A: Dmitri **Mendeleev**
28. Who plotted atomic weights against atomic masses to discover similar periodic properties and propose an early table independently of Mendeleev at around the same time?
A: Lothar **Meyer**
29. What method did Humphrey Davy use to discover several elements by separating them from their ores?
A: **electrolysis**

Mutinies

30. Optimistic promises by what general led to mutinies in the French army after the failure of the Second Battle of the Aisne ["ayn"] in his namesake World War I offensive?
A: Robert **Nivelle**
31. What group staged a mutiny after its leader criticized Sergei Shoigu and Valery Gerasimov and attempted to advance on Moscow from Russian-occupied Ukraine?
A: **Wagner** Group
32. What mutineer evaded capture by the HMS *Pandora*, but eventually perished on Pitcairn Island after seizing control of the HMS *Bounty*?
A: Fletcher **Christian**
33. Mutineers on what ship headed to Odessa in 1905 in an event dramatized by a 1925 Sergei Eisenstein film?
A: Battleship **Potemkin** ["pot-YOM-keen"]

Double Jump

34. What word refers to the head of a diplomatic mission in a foreign country's capital, who works in an embassy?
A: **ambassador**
35. What two-word term is used for an ambassador between two Commonwealth countries?
A: **high commissioner**

Double Jump

36. A nitrogen atmosphere about one and a half times as dense as Earth's is found on what moon, Saturn's largest?
A: **Titan**
37. What moon of Saturn has an impact crater about a third the size of its diameter, leading to comparisons to the Death Star?
A: **Mimas**

Set of 4: Trains in Music

38. The narrator explains that her love interest, who failed to become a star in LA, is returning home in what song by Gladys Knight & the Pips?
A: **"Midnight Train to Georgia"**
39. Little Eva instructs the listener to swing one's hips, jump up, and jump back, and claims that her "little baby sister can do" what titular dance?
A: "The **Loco-Motion**"

40. The singer states that she will move to Saskatchewan after being repeatedly reminded of a past girlfriend in what song by Chappell Roan?
A: "The **Subway**"
41. Resulting in numerous solved cases, what song's music video featured images of, and information concerning, missing children?
A: "**Runaway Train**"

5-Part Mystery

42. Mahmoud Khalil has a Master's of Public Administration from what university?
A: **Columbia** University
43. The *Tirpitz* was the sister ship of what large German battleship that saw action in the Second World War?
A: **Bismarck**
44. A July 2000 incident leaving Charles de Gaulle airport saw the only fatal crash of what model of airplane?
A: **Concorde**
45. Who directed the first two *Home Alone* movies?
A: Christopher "Chris" **Columbus**
46. The Chinese fenghuang, a mythological bird-like creature, is translated into English as what?
A: Chinese **phoenix**
[Theme: US state capitals]

Set of 4: Energy

47. What symmetry can be used to prove the conservation of energy through Noether's theorem?
A: **time-translation** symmetry (accept: **temporal translation** symmetry)
48. What scientist names a quantity equal to the difference between a system's kinetic and potential energies?
A: Joseph-Louis **Lagrange**
49. Near the surface of the Earth, what form of energy is approximated as $m \times g \times h$?
A: **gravitational potential** energy (prompt on: **potential** energy)
50. How many joules of energy does it take to stretch a spring with k equals 100 by 40 centimetres from its rest position?
A: **8** joules

END OF FIRST HALF

THIRD QUARTER

Splits: Famous World Cup Games & Angola

Famous World Cup Games

51. What two teams combined to score 5 goals in extra time of a 1970 semifinal known as "the Game of the Century"?
A: **Italy** AND West **Germany**
52. What country took an early 3-0 lead in a 1966 quarterfinal only for Eusebio to score 4 goals as Portugal stormed back to win 5-3?
A: **North Korea** (accept: **Democratic People's Republic of Korea, DPRK**) (reject: Republic of Korea, ROK)
53. What two players scored a combined five goals in the 2022 final?
A: Kylian **Mbappé** AND Lionel **Messi**

54. What was the final score of the 2014 semifinal between Brazil and Germany?

A: **7 - 1** for Germany (accept clear equivalents)

Angola

55. Angola's economy is built around exporting what resource?

A: crude **oil** (accept: **petroleum**)

56. Most prevalent in the Central Highlands, what is the most-spoken indigenous language of Angola?

A: South **Umbundu**

57. Angola's southern border is shared with what country?

A: **Namibia**

58. Angola is a de facto one-party state under what formerly communist party that won the Angolan Civil War?

A: **MPLA** (accept: the **People's Movement for the Liberation of Angola**)

Set of 3: Ancient Greek Victories

59. Unlike the laurel leaves used for wreaths in the Pythian Games, what was used to make the wreaths for victors of the ancient Olympics?

A: **olive** leaves/branches

60. What king is said to have exclaimed after winning the battle of Asculum that another such victory would end him?

A: **Pyrrhus** of Epirus

61. Said in one account to have given Zeus the courage to slay the giant Typhon, who was the Greek goddess of victory?

A: **Nike**

Jailbreak

62. In Scotland and Ireland, what name is given to a traditional social gathering that features Gaelic folk music and dancing?

A: **ceilidh** ["KAY-lee"]

63. The dog Karenin features in what novel, in which Teresa struggles with her husband Tomas' infidelity?

A: *The* **Unbearable Lightness of Being**

64. Who often holds a football in place on the ground but pulls it away before Charlie Brown can kick it?

A: **Lucy** Van Pelt (prompt on: **Van Pelt**)

65. If n is greater than 2, the equation " a to the n plus b to the n equals c to the n " has no integer solutions according to what theorem, which was finally proven by Andrew Wiles in 1994?

A: **Fermat's Last** Theorem

66. The Lahori Gate is the main entrance to what defensive military structure and residence located in Delhi and commissioned by Shah Jahan?

A: **Red Fort** (accept: **Lal Qila**)

67. The Zac Brown Band is best known for what 2008 hit, whose chorus also describes "a cold beer on a Friday night" and "a pair of jeans that fit just right"?

A: **"Chicken Fried"**

68. What body of water lies between Eritrea and Saudi Arabia?

A: **Red Sea** (prompt on: **Red**)

69. What can be described as mafic or felsic based on the elements it contains?

A: **igneous rocks** (accept: **lava**, **magma**) (prompt on: **rocks**, **minerals**)

70. The 2025 film *Eleanor the Great* was the directorial debut of what actress, who also plays Black Widow in the MCU?
A: Scarlett **Johansson**
71. What language combines consonant and vowel letters into syllabic blocks in its Hangul writing system?
A: **Korean**
72. What husband of Lee Krasner created the artwork *Autumn Rhythm* and pioneered a style of action painting known as "drip"?
A: Jackson **Pollock**
73. In what titular location would one read a series of general knowledge and trivia books, ostensibly written by Uncle John?
A: **bathroom**
74. What word refers to the extinguishing of the wanting mind and its passion, a goal of many Buddhists?
A: **nirvana**
75. What word can refer to a greenhouse or a music school?
A: **conservatory**

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

Note: the answer to this question will be one word.

76. Part 1: What is the last word in the title of a short piano piece that begins with the melody C-sharp, E, E [pause] B, E, E, one of the *Woodland Sketches* by Edward MacDowell?
77. Part 2: This is the first word of the nickname of a musical number in which Aurora dances with four of her suitors.
78. Part 3: This is the last word in the title of a painting in which two young girls in white dresses are lighting orange paper lanterns in a garden.
79. Part 4: In *Romeo and Juliet*, Juliet says that one of these things by any other name would smell as sweet.
A: **roses**

Streak

80. Name up to all eight countries that use the peso as their currency.

A: **Argentina**

A: **Chile**

A: **Colombia**

A: **Cuba**

A: **Dominican Republic**

A: **Mexico**

A: **Philippines**

A: **Uruguay**

Set of 5: Word Ladder

The answer to each question will be a word that differs by one letter from the previous answer. All words will be four letters long.

84. The transmutation of lead into what other metal was a principal focus of alchemy?
A: **gold**
85. To castrate a male horse is to do what?
A: **geld**
86. What would a metalworker do to fuse two pieces of metal together using heat?
A: **weld**
87. What kind of raised red mark is left on the skin after taking a blow?
A: **welt**
88. The horizontal threads on a loom, perpendicular to the vertical "warp" threads, are given what name?
A: **weft**

12-Part Blitz

89. Claude Monet spent the last two decades of his life repeatedly painting what kind of plants?
A: **water lilies/water lily**
90. Michelle, Clare, Erin, Orla, and James are the titular characters on what coming-of-age series set in Northern Ireland?
A: **Derry Girls**
91. The Big Mac's "special sauce" is based on what kind of dressing, which includes mayo, tomato, and pickles?
A: **Thousand Island** dressing (reject: Thousand Islands dressing)
92. Virtues like "ren" are detailed in the philosophy of what author of the *Analects*?
A: **Confucius**
93. Nunavut's Akimiski Island is the largest island in what body of water?
A: **James Bay**
94. What kind of gun fires either a heavy slug or a cartridge containing many small projectiles?
A: **shotguns**
95. What kind of institution has a hockey team coached by Father LeBoutillier in Richard Wagamese's novel *Indian Horse*?
A: **residential school** (prompt on: school)
96. What country fought the Eighty Years War to gain independence from Spain?
A: the **Netherlands** (accept: the **Dutch Republic, Holland**)
97. Games based on what existing franchise subtitled *The Faces of Evil* and *The Wand of Gamelon* were published by Philips for its CD-I format?
A: *The Legend of* **Zelda**
98. If a B-flat trumpet plays a written A, what note is actually sounded?
A: **G** natural
99. Words that are spelled the same forwards and backwards are known as what?
A: **palindromes** (accept: **palindromic**)
100. What is the largest island in the Caribbean Sea?
A: **Cuba**

END OF GAME