



2025-26 Post-Secondary Championship (T3) – Pack 10

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PACK 10

5-Part Blitz

1. Students destroyed historical artifacts as schools were closed nationwide and scientists and academics were massacred during what period of upheaval in late Maoist China?
A: **Cultural Revolution**
2. What hormone counteracts the effect of insulin in the human body?
A: **glucagon**
3. Margrave Christian Ludwig was the dedicatee of what set of six works by J.S. Bach?
A: **Brandenburg Concertos**
4. Considered more formal than “heads” and “tails”, what two words are used by numismatists to refer to the sides of a coin?
A: **obverse** AND **reverse**
5. Double-slit experiments have shown that both light and matter have what seemingly paradoxical property in which they exist in two different forms at once?
A: wave-particle **duality**/particle-wave **duality**

Double Jump

6. Who wrote about characters like Francisco d'Anconia and Dagny Taggart living in a dystopian United States in which government regulation strangles private business in her novel *Atlas Shrugged*?
A: Ayn ["ine"] **Rand** (accept: Alice **O'Connor**, Alisa **Rosenbaum**)
7. Rand's breakout novel *The Fountainhead* centres on battles between conformity and individual expression in what profession?
A: **architecture** (accept: **architects**)

Double Jump

8. What "A"-word often refers to economic policies that combine spending cuts with tax increases to curb deficits?
A: **austerity**
9. The European Union's 2010s austerity policies were strongly influenced by a paper by what two economists, whose findings were later revealed to have been caused by coding errors in Microsoft Excel?
A: Carmen **Reinhart** AND Kenneth **Rogoff**

Set of 4

10. What artist is responsible for the all-time most-streamed song on Spotify, 2019's “Blinding Lights”?
A: the **Weeknd** (accept: Abel **Tesfaye**)
11. Many fans thought the Weeknd had undergone botched plastic surgery after he wore extreme prosthetics in the music video for what song, in which he sings “I make you cry when I run away”?
A: **“Save Your Tears”**
12. The Weeknd sampled “Happy House” by Souxsie and the Banshees for the title track of what 2011 debut mixtape of his?
A: **“House of Balloons”**

13. What aspect of his public persona does the Weeknd plan to retire after he finishes touring for his recent trilogy of albums?
A: his stage **name** (accept: his **nickname**, being called the **Weeknd**) (accept clear equivalents)

Jackpot

14. Part 1: Having conquered it after Ulugh Beg's death, what city was the base of power for the victorious leader at the Battle of Khanwa?
15. Part 2: After being defeated and exiled by Sher Shah Suri, Humayun captured this city from the control of his brother, Kamran Mirza.
16. Part 3: A British "Army of Retribution" sacked this city in late 1842. An earlier British force was only briefly successful in deposing Dost Mohammad Khan from this city.
17. Part 4: A British army was annihilated during a disastrous 1842 retreat from this city, a battle associated with the "Graveyard of Empires" nickname for Afghanistan.
A: **Kabul**

Set of 3: Salvador Dali

18. In collaboration with Luis Buñuel, Dali wrote the script for what surrealist film?
A: *Un **Chien Andalou***
19. Many have speculated that the theory of relativity inspired what painting in which three clocks seem to melt?
A: *The **Persistence of Memory***
20. In a 1954 painting, Dali used a net of a tesseract in his depiction of what common artistic scene?
A: the **Crucifixion** of Jesus (accept clear equivalents)

5-Part Blitz

21. What word refers to the amount of product in a chemical reaction?
A: **yield**
22. What title is awarded by Yad Vashem to Gentiles who assisted victims of the Holocaust?
A: **Righteous Among the Nations**
23. Who was the Queen of France while married to Louis VII and later the Queen of England while married to Henry II?
A: **Eleanor of Aquitaine** (prompt on: **Eleanor**)
24. What fruit shares its name with China's main language?
A: **mandarins** (accept: **mandarin** oranges)
25. Name both teams that have been in the N.H.L. the longest without ever winning a Stanley Cup.
A: **Vancouver Canucks** (accept either bolded part) AND **Buffalo Sabres** (accept either bolded part)

END OF FIRST QUARTER

SECOND QUARTER

Splits: Traditional Folk Songs & Changing Political Allegiances

Traditional Folk Songs

26. What kind of tree titles a song that recalls how “the mighty moose wanders at will” in the “home of the beaver”?
A: **silver birch** trees (prompt on: birch trees)
27. The rhythm of Offenbach’s “Can-Can” dance was used for what song written to celebrate the Balfour Declaration, now commonly sung at bar and bat mitzvahs and Jewish weddings?
A: **“Hava Nagila”**
28. In the slang of his time, who was actually calling himself fancy, not calling his hat a piece of pasta?
A: **Yankee Doodle**
29. What folk song is included twice on UNESCO’s list of Intangible Cultural Heritage because it was submitted by both North and South Korea?
A: **“Arirang”**

Changing Political Allegiances

30. What adjective describes electors in the U.S. Electoral College who do not vote for the candidate to whom they are pledged?
A: **faithless**
31. Which American state had its senator Arlen Specter switch to the Democratic Party in 2009, and has recently seen speculation about its current senator John Fetterman possibly switching to the Republicans?
A: **Pennsylvania**
32. First elected as a Conservative in 1900, who served the Liberal Party as First Lord of the Admiralty during World War I before later assuming the Conservative leadership in 1940?
A: Sir Winston **Churchill**
33. In which country is changing parties, or “waka jumping”, frowned upon because it upsets the balance of their mixed-member proportional Parliament?
A: **New Zealand**

Double Jump

34. What is the English name of the state with its capital at Munich?
A: **Bavaria**
35. What is the English name of the state with its capital at Hanover, which Germans refer to as Niedersachsen [“NEE-duh-zack-senn”]?
A: **Lower Saxony**

Double Jump

36. What word refers to the shared profession of Margaret Sanger, Clara Barton, and Florence Nightingale, the latter of whom is considered a founder of that discipline?
A: **nurses** (accept: **nursing**)
37. In Canada, what two-word term refers to registered nurses who have achieved a master’s degree or higher and are qualified to diagnose illnesses and prescribe medication?
A: **nurse practitioners** (prompt on: N.P.s)

Set of 4

38. What real person was portrayed by Timothee Chalamet in a 2024 film culminating in his controversial decision to “go electric”, *A Complete Unknown*?
A: **Bob Dylan**
39. Directed by Todd Haynes, what earlier film features six different actors portraying separate personas inspired by facets of Dylan’s character and career?
A: **I’m Not There**

40. Who directed documentaries about Dylan titled *No Direction Home* and *Rolling Thunder Revue*, and also featured him performing alongside The Band in *The Last Waltz*?
A: Martin **Scorsese**
41. Dylan briefly appears at the Gaslight Cafe at the end of what film, which depicts the struggling titular folk singer and was directed by the Coen Brothers?
A: ***Inside Llewyn Davis***

Set of 4: Four-Letter "A" Prefixes

42. What is the S.I. prefix for 10 to the minus 18?
A: **atto-**
43. Greek for "other", what prefix is found in the names of a type of speciation and a Jurassic sauropod?
A: **allo-**
44. What prefix is found in a word that refers to the third-last item in an ordered list?
A: **ante-**
45. Greek for "to rule", what prefix can mean "top" or "main"?
A: **arch-** ["artch"] or ["ark"]

5-Part Blitz

46. What Greek kingdom was home to the founder of the League of Corinth, Philip II, as well as his son Alexander the Great?
A: Kingdom of **Macedonia**
47. What two-word term refers to the temperature needed to ignite a flame?
A: **flash points**
48. Known for his bizarre behaviour, such as styling himself the King of Scotland, what repressive dictator ruled Uganda in the 1970s?
A: Idi **Amin**
49. The name of what school precedes "Legacy" in the title of a 2023 open-world R.P.G.?
A: **Hogwarts**
50. Alongside the very recently introduced Neo, what are the other two MacBook product lines?
A: MacBook **Pro** AND MacBook **Air**

END OF FIRST HALF

THIRD QUARTER

Splits: Mid-Sized Canadian Cities & Mathematical Proofs

Mid-Sized Canadian Cities

51. Whoop-up Drive crosses the Oldman River as it bisects what Albertan city of over 100,000 people located 175 kilometres south of Calgary?
A: **Lethbridge**
52. Located south of Vernon and north of Penticton, what is the largest city on Okanagan Lake?
A: **Kelowna**
53. Formerly home to the company McLaughlin ["muh-GLAW-clin"], what city is nicknamed "Canada's Motor City" and still contains a large General Motors plant?
A: **Oshawa**

54. What city, whose borough of Lennoxville is home to Bishop's University, is the largest city in Quebec's Eastern Townships?
A: **Sherbrooke**

Mathematical Proofs

55. Most mistaken proofs that 1 equals 2 are the result of performing what specific operation?
A: **division by zero** (accept clear equivalents)
56. What fact is asserted by Euclid's theorem, which can also be proven by examining the factors of n factorial plus 1?
A: **infinitude of primes** (accept clear equivalents that state that there are infinitely many prime numbers)
57. Whose proof of the Taniyama–Shimura conjecture led him to proving Fermat's Last Theorem?
A: Andrew **Wiles**
58. What adjective describes a version of mathematical induction in which one assumes the statement holds for all natural numbers less than $n+1$, instead of only assuming it holds for n ?
A: **strong** (accept: **complete**)

Set of 3

59. What non-compound word refers to the equipment that enables one to perform swizzles, snowplow stops, and edge work?
A: **skates**
60. One prominent difference between hockey skates and figure skates is that figure skates have what structure at the front?
A: **toe picks**
61. What "C"-word refers to a technique in which one foot steps above the other in order to build speed around curves?
A: **crossovers**

Jailbreak

62. What portmanteau is the Thermo Fisher brand name of the small tool used to transfer solid materials in a chemistry lab?
A: **Scoopula**
63. Because of its shape, what small styling item gives its name to an extremely sharp turn in a road?
A: **hairpins**
64. What are the home countries of the current top two ranked players on the W.T.A., Aryna Sabalenka and Elena Rybakina?
A: **Belarus** AND **Kazakhstan**
65. In what modern-day country were locations like the Great Enclosure and artefacts like soapstone birds found in the namesake capital of a kingdom ruled by the Shona people?
A: **Zimbabwe**
66. According to Norse mythology, what natural disaster results when poison from a serpent drips onto Loki and causes him to shudder in pain?
A: **earthquakes**
67. What noun refers to all of the material enclosed between the cell membrane and nucleus of a cell, including both organelles and fluid?
A: **cytoplasm**
68. A white roux and milk are used to make what French mother sauce often incorporated into macaroni and cheese?
A: **béchamel** sauce

69. Who composed *Ein Heldenleben* and *Also Sprach Zarathustra*?
A: **Richard Strauss** (prompt on: Strauss)
70. The concept of the global village was developed by what Canadian media theorist who wrote that "the medium is the message"?
A: Marshall **McLuhan**
71. What athlete is the subject of conversation between Manolin and Santiago at the start of *The Old Man and the Sea*?
A: Joe **DiMaggio**
72. What word often appears as a caption below a still image of Georgio A. Tsoukalos being interviewed on the History Channel, showing him gesturing with his hands apart and his unusual high, curly hair?
A: "**aliens**"
73. Since 2024, Zimbabwe's official currency has been named for what metal, whose leading producers in Africa are Ghana and South Africa?
A: **gold** (prompt on: Au)
74. What company makes a minivan called the Odyssey, an SUV called the CR-V, and a sedan called the Civic?
A: **Honda**
75. What word do hockey players use to refer to long hair that spills out the back of a player's helmet?
A: **flow**

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

The answer to this question will be one word.

76. Part 1: What kind of object crashes through a rainbow that is prepared by the cloud-men in retaliation for earlier insults by a centipede?
77. Part 2: After asking "Shall I part my hair behind?", the narrator of a poem asks himself "Do I dare to eat?" this kind of object.
78. Part 3: Liu Bei, Guan Yu and Zhang Fei vow to become brothers-in-arms after taking an oath in a garden named for this kind of fruit.
79. Part 4: Seven insects and a young boy named James go on adventures in a giant version of one of these objects in a book by Roald Dahl.
A: **peaches** (prompt on: fruit)

Streak

80. Name up to every body in the Solar System that is smaller than the Earth and bigger than the Moon.

A: **Venus**

A: **Mars**

A: **Mercury**

A: **Titan**

A: **Ganymede**

A: **Callisto**

A: **Io**

Streak

84. Name up to all of the five interns who are main characters on Season 1 of *Grey's Anatomy*.

A: **Meredith** Grey (prompt on: Grey)

A: **Cristina Yang** (accept either bolded part)

A: **Alex Karev** (accept either bolded part)

A: **Izzie Stevens** (accept either bolded part)

A: **George O'Malley** (accept either bolded part)

Set of 3: Geographical Country Namesakes

86. What is the only ocean named after a country?

A: **Indian** Ocean

87. What is by far the largest lake named after a country, although all the other countries that border it still call it Lake Nyasa?

A: Lake **Malawi**

88. What is the second-tallest mountain in Africa, found about 300 kilometres north of Kilimanjaro?

A: Mount **Kenya**

12-Part Blitz

89. What letter is eliminated in American spellings of the words "savoury" and "colour"?

A: **U**

90. A common definition states that two organisms belong to the same species as long as they can produce what kind of offspring?

A: **fertile** offspring

91. A video of hockey player Pat LaFontaine undergoing a cranial nerve exam is a famous unintentional example of what kind of YouTube video?

A: **A.S.M.R.** video

92. Coming from the Latin for "dice", what "A"-word refers to music that is composed or performed with some random chance?

A: **aleatoric** (accept: **aleatory**)

93. Although entering the name "Chara" causes *Undertale* to tell you that it is the "true name," what is the real name of the game's playable character?

A: **Frisk**

94. Following victories against Manchester City, Atletico Madrid, and Inter Milan, what Norwegian team unexpectedly qualified for the 2025-26 Champions League round of 16?

A: FK **Bodo/Glimt** (reject partial answers)

95. As a punishment, whom does Aunt Polly force to whitewash her fence?

A: **Tom Sawyer** (accept either bolded part)

96. Winner of the first Oscar for Best Foreign Language Film, the travelling strongman Zampano accompanies Gelsomina in what movie by Federico Fellini?

A: *La* **Strada**

97. In the first half of the first millennium A.D., what city dominated Mesoamerica from the Valley of Mexico?

A: **Teotihuacan**

98. Who was the first chemist to perform a reaction in which a silver salt of a carboxylic acid reacts with a diatomic halogen to create an organic halide?

A: Alexander **Borodin**

99. Though it is far smaller than the 5 main ones, what is sometimes called the "Sixth Great Lake" because it is the next-largest lake in the northeastern United States?

A: Lake **Champlain**

100. According to multiple hadiths, the Prophet Muhammed believed that he would have how many successors, a number that names the largest branch of Shia Islam?

A: **twelve**

END OF GAME