



2025-26 Post-Secondary Championship (T3) – Pack 9

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PACK 9

5-Part Blitz

1. Name either of the countries confirmed to be in Canada's preliminary group at the upcoming FIFA World Cup.
A: **Qatar** OR **Switzerland**
2. What word replaces "less" when referring to countable nouns?
A: **fewer**
3. What "A"-word refers broadly to the belief that all material things have spirits, and is used to describe many indigenous belief systems?
A: **animism** (accept: **animist**)
4. Magnetars and pulsars are subtypes of what sort of star?
A: **neutron** stars
5. West Lake lies in what capital of Zhejiang Province in eastern China?
A: **Hangzhou**

Double Jump

6. Who helped bring about England's large-scale judicial reform of the 1870s and '80s by describing the interminable court case Jarndyce v. Jarndyce in his novel *Bleak House*?
A: Charles **Dickens**
7. Who is the protagonist of *Bleak House*, the only female character to narrate any Dickens novel?
A: **Esther Summerson** (accept either bolded part)

Double Jump

8. Alongside the word "new", what word is most commonly used to refer to people like Sam Harris and Richard Dawkins, who respectively wrote *The End of Faith* and *The God Delusion*?
A: **atheists**
9. What word is most commonly used to refer to people, sometimes but not exclusively atheists, who have renounced their former religion?
A: **apostates**

Set of 4: Adaptations of Classical Music

10. A solo for what instrument by the Spanish composer Francisco Tarrega was adapted as the Nokia ringtone?
A: acoustic/classical **guitars**
11. Who composed the theme that was inverted into a D-flat major melody as part of a set of variations for piano and orchestra by Sergei Rachmaninoff?
A: Niccolo **Paganini**
12. The most famous set of piano transcriptions of Beethoven's 9 symphonies were written by what Hungarian composer?
A: Franz **Liszt**

13. Who included duelling French and Russian national anthems at the end of his "1812 Overture"?

A: Pyotr Ilyich **Tchaikovsky**

Jackpot

14. Part 1: A long stationary take in the film *Funny Games* shows what kind of object dripping with blood after a character is killed off-screen?

15. Part 2: In another film, Max Renn witnesses this kind of object seemingly start breathing, and places his face against it.

16. Part 3: Carol Anne announces "they're here" after seeing ghosts emerge from this kind of object in the film *Poltergeist*.

17. Part 4: A 2024 Jane Schoenbrun film with this kind of object in the title has been interpreted as an allegory for being transgender. In the *Ring* series, the ghost Samara crawls out of this kind of object after viewers play a haunted videotape.

A: **televisions** (accept: **TVs**)

Set of 3: Death in Poetry

18. Who wrote "Yet not to thine eternal resting place/Shalt thou retire alone" in a poem whose title translates as "A Consideration of Death", or the Greek "Thanatopsis"?

A: William Cullen **Bryant**

19. What kind of person is told he is a "smart lad, slip betimes away/From fields where glory does not stay" in a poem about his premature death written by A.E. Housman?

A: **athlete** dying young (accept: **athlete** who died young)

20. At what kind of location does a blue-eyed man command "drive the spade deeper the rest of you sing you others play on for the dance", in "Death Fugue" by Paul Celan?

A: **concentration camp** (accept: **extermination camp**, **death camp**) (prompt on: **camp**)

5-Part Blitz

21. What is the sum of Wayne Gretzky and Mario Lemieux's jersey numbers?

A: **165**

22. Toilet paper and rubber boots are among the past products of what Finnish company best known today for making network equipment and mobile phones?

A: **Nokia**

23. What family contained multiple characters called José Arcadio and Aureliano, and is the central focus of *One Hundred Years of Solitude*?

A: **Buendia** family

24. What empire was based around the altepeme of Tlacopan, Texcoco, and Tenochtitlan?

A: **Aztec** Empire (accept: the **Aztecs**)

25. In what song are "'Raris and Rovers" and the affection of many women repeatedly mentioned by Chief Keef?

A: **"Love Sosa"**

END OF FIRST QUARTER

SECOND QUARTER

Splits: Wedding Traditions & Central Asia

Wedding Traditions

26. An object of what colour should be kept by the bride on her wedding day, according to a rhyme that pairs it with something old, something new, and something borrowed?
A: **blue**
27. What substance is central to the mehndi party portion of Indian weddings, in which it is used to decorate a bride's hands, arms, and feet?
A: **henna** (prompt on: dye)
28. What culture's traditional wedding ceremony takes place under a canopy and concludes with the groom stomping on glass?
A: **Jewish** (accept: **Jews**)
29. Jumping over what object is a marriage custom that was first practiced in North America by slaves and is now most common among Black Americans?
A: **brooms** (accept: **broomsticks**)

Central Asia

30. Central Asia's western boundary runs along what body of water?
A: **Caspian Sea**
31. What is the predominant religion throughout Central Asia?
A: Sunni **Islam/Muslim**
32. Until recently, what was the only partial democracy in Central Asia, now under the tightening grip of dictator Sadyr Japarov?
A: **Kyrgyzstan**
33. The Syr Darya comes together in what fertile, densely populated area where Uzbekistan, Kyrgyzstan, and Tajikistan meet?
A: **Ferghana Valley**

Double Jump

34. The eastern shores of what body of water run along the Nastapoka arc and the Ungava peninsula, while its southern region includes the smaller James Bay?
A: **Hudson Bay** (accept: **Hudson's Bay**)
35. A critical part of winter food supply for both humans and animals near Hudson's Bay, what term refers to regions where winds and tidal currents ensure year-round open water surrounded by sea ice?
A: **polynya** ["poh-LIN-yuh"]

Double Jump

36. What net force directed at the centre of rotation causes a body to travel along a circular path?
A: **centripetal** force
37. You will have 5 seconds. Rounding g to 10, what is the minimum speed that a mass of 3 kilograms at the end of a 40 cm string must achieve at the top of its rotation in order to complete a full circle?
A: **2** metres/second

Set of 4: Chemicals in Drinks

38. What molecule's presence causes tonic water to fluoresce under U.V. light?
A: **quinine**
39. First isolated from cow bile, what compound is commonly found in energy drinks?
A: **taurine**

40. What acid, often used as a preservative in soft drinks, can react with Vitamin C to create a carcinogen?
A: **benzoic** acid
41. Along with caffeine, Coca-Cola contained what other stimulant in its early years?
A: **cocaine** (accept: **coca** leaves)

Set of 4: On Death Row

42. Sodium thiopental, pancuronium bromide, and potassium chloride make up a three-drug cocktail used in the United States for what form of capital punishment?
A: **lethal injections**
43. Antoine Lavoisier, Georges Danton, and Louis the 16th were all killed by what means?
A: **guillotine** (accept word forms) (accept: **beheading**, being **beheaded**)
44. What two words are repeatedly exclaimed by a farmer as he refuses to plead, ultimately leading to his death by pressing, in *The Crucible*?
A: **"more weight"**
45. The Lord High Executioner sings about a list of people "who would not be missed" if they were executed in what comic opera by Gilbert and Sullivan?
A: *The **Mikado***

5-Part Blitz

46. What word refers to any linearly independent spanning set of vectors in a vector space?
A: **basis**
47. "You Should Probably Leave" and "Starting Over" are songs by what artist, who came to prominence with his cover of "Tennessee Whiskey"?
A: Chris **Stapleton**
48. This February, after a 6-year delay, what city opened a new light rail line along and under Eglinton Avenue?
A: **Toronto**
49. What American politician's face was edited to be artificially chubby in memes after he asked "Have you said 'Thank you' once?" during a meeting with Volodymyr Zelenskyy?
A: J.D. **Vance**
50. In baccarat, which rank of card is worth the most points?
A: **nines**

END OF FIRST HALF

THIRD QUARTER

Splits: The Cold War in Europe & D.N.A.

The Cold War in Europe

51. In what country did NATO's Operation Gladio contribute to a period of unrest known as the "Years of Lead" ["led"]?
A: **Italy**
52. What dictator oversaw a massive expansion of the Securitate ["sek-oor-eet-AT-eh"] secret police to stamp out dissent in 1980s Romania?
A: Nicolae **Ceaucescu** ["chow-SHESS-koo"]

53. Who was the leader of East Germany during the fall of the Berlin Wall?
A: Egon **Krenz**
54. During what war did the forces of King Paul fight against the K.K.E. from 1946 to 1949?
A: **Greek Civil** War

D.N.A.

55. What proteins does D.N.A. wrap around, forming nucleosomes?
A: **histones**
56. What monosaccharide is the sugar that makes up D.N.A.'s sugar phosphate backbone?
A: **deoxyribose**
57. What letter is used to denote the specific structure of D.N.A. that makes up most of D.N.A. in humans?
A: **B**
58. What prokaryotic promoter sequences, used for immune response against bacteriophages, are targeted by Cas9 enzymes?
A: **CRISPR** sequences

Set of 3

59. *The Last Straw*, *Dog Days*, and *Rodrick Rules* are novels in what series by Jeff Kinney, centred on middle-schooler Greg Heffley?
A: **Diary of a Wimpy Kid**
60. In the film adaptation of *Diary of a Wimpy Kid*, what character tells Greg "Don't call me. Don't come by my house. We're done."?
A: **Rowley** Jefferson (prompt on: Jefferson)
61. A 35-year-old man named Bill Walter is the lead singer of what band, for which Rodrick Heffley plays the drums?
A: **Löded Diper**

Jailbreak

62. On a Windows computer, what key must be pressed for nonconsecutive files to be selected?
A: **control** key (accept: ctrl key)
63. What country lays claim to the northernmost undisputed point of land in the world?
A: **Denmark**
64. After Roman Anthony struck out in the bottom of the ninth, what country won the 2026 World Baseball Classic?
A: **Venezuela**
65. What band released albums titled *Houses of the Holy* and *Physical Graffiti*, but are best known for their four self-titled albums, which included songs like "Stairway to Heaven"?
A: **Led Zeppelin**
66. On what island could you find Port of Spain?
A: **Trinidad**
67. Alongside a sister city at Hegra, the Nabataeans carved what city in sandstone?
A: **Petra**
68. What term refers to any map between groups, not necessarily bijective, that preserves the group operation?
A: **homomorphisms** (reject: homeomorphisms)
69. Announced on the franchise's 30th anniversary and set in a new region inspired by Southeast Asia, what two upcoming games are the newest in the *Pokemon* series?
A: *Pokemon* **Winds** AND *Pokemon* **Waves**

70. What does H-VAC stand for?
A: **heating, ventilation, and air conditioning**
71. What product did Justin Long portray in a series of advertisements that contrasted his laid-back nature with the overly formal and boring P.C.?
A: Apple **Macintosh** computer (prompt on: Apple computer)
72. What historical inventor is blamed for inadvertently reinforcing slavery in the United States through the productivity enhancements of his cotton gin?
A: Eli **Whitney**
73. In most programming languages, what simple keyword is used to output a value from within a function when the code in the function is done executing?
A: **return**
74. The southward expansion of what American state capital is hindered by the presence of the Gila ["HEE-la"] River Indian Reservation?
A: **Phoenix**
75. The deck-building genre was popularized by what medieval-themed game, in which players can use basic cards and kingdom cards?
A: **Dominion**

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

The answer to this question will be one word.

76. Part 1: What colour dominates a still-life painting called *Quinces, Lemons, Pears and Grapes*, which was made in Paris after adopting colour theory influences from impressionism and pointillism?
77. Part 2: A man painted a simple chair of this colour with a pipe on it in 1888 as part of his decorations for a house of this colour, which he also depicted from the exterior in a painting simply titled "the (this colour) House".
78. Part 3: This is the colour of the wall and overhang in *Café Terrace at Night*, and it dominates *The Night Café*, where it is the colour of the floor.
79. Part 4: This was the predominant colour of the flowers that Vincent van Gogh repeatedly painted while living in that house.
A: **yellow**

Streak

80. Give up to every five-letter English word that can be formed using the letters A, E, M, S, and T.

A: **teams**

A: **meats**

A: **mates**

A: **steam**

A: **metas**

A: **tames**

Streak

83. Give the current names of up to all of the Four Ancient Great Capitals of China, which have served as capital from over three thousand years ago up to modern times.

A: **Beijing**

A: **Nanjing** (accept: **Nanking**)

A: **Xi'an** (accept: **Chang'an**, **Daxing**)

A: **Luoyang** (accept: **Dongdu**, **Shendu**)

Set of 4: Ethane

85. What is the chemical formula for ethane?

A: **C₂H₆**

86. You will have five seconds. To the nearest percentage, the hydrogen atoms make up how much of the mass of a molecule of ethane?

A: **20** percent

87. You will have five seconds. Two moles of ethane require how many moles of oxygen gas for a complete combustion reaction?

A: **7** moles

88. What is the two-word common name for the compound you would get if you replaced one hydrogen on each of ethane's carbons with a hydroxyl group?

A: **ethylene glycol**

12-Part Blitz

89. Name any two of the three neighbouring cities in Southwestern Ontario that together make up the country's 10th-largest urban area according to the 2021 census.

A: (any two of:) **Kitchener** OR **Waterloo** OR **Cambridge**

90. The sickly god Nanahuatzin sacrificed himself to become the fifth iteration of what object in Aztec mythology?

A: the **Sun**

91. In a famous thought experiment, a person inside a room receives papers with writing in what language, which he then deciphers by following a list of instructions which also tells him how to pass back writing in this language?

A: **Chinese**

92. What kind of storm is officially defined as having a duration of at least four hours and having high winds in combination with low visibility as a result of snow?

A: **blizzards**

93. What branch of Christianity is referred to in the title of Max Weber's best-known sociological book?

A: **Protestantism**

94. Igor and St. Chroma are personas central to albums by what hip-hop artist?

A: **Tyler, The Creator** (accept: Tyler **Okonma**) (prompt on: **Tyler**)

95. What is the value of any power of 2 minus all smaller powers of 2?

A: **1**

96. After insulting his opponent's sister in extra time of the 2006 World Cup Final, who was headbutted in the chest by Zinedine Zidane?

A: Marco **Materazzi**

97. What word beginning with "N" refers to the indent in an arrow where the bowstring is meant to slot?

A: **nocks** (accept: **notches**)

98. What class of priests were said to burn people inside wicker men and lead rituals involving sacred oak trees, in Roman writings about Celtic society?

A: **druids**

99. The Xbox Series X and S came out in the same month as what rival device, their principal competitor among ninth-generation gaming consoles?
A: **PlayStation 5** (accept: **PS5**)
100. Which American state is the setting for the novels *The Heart Is a Lonely Hunter*, *Midnight in the Garden of Good and Evil*, and *Gone with the Wind*?
A: **Georgia**

END OF GAME