



## 2024-25 High School Qualifier (T2) – Pack 1

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# PACK 1

## 5-Part Blitz

1. Online search results are increasingly filled with low-quality AI-generated material referred to by what word?  
A: **slop**
2. Name any of the three lifelines available on *Who Wants to Be a Millionaire*.  
A: **Fifty-Fifty** OR **Phone-a-Friend** OR **Ask the Audience**
3. What can one rent through services like Modo, Turo, and Communauto?  
A: **cars** (accept: **vehicles**, **automobiles**)
4. What is the parent website of Stack Overflow?  
A: **StackExchange**.com
5. On a musical score, what does "mp" stand for?  
A: **mezzo piano**

## Double Jump

6. In French, what word is used as a deferential or formal version of the singular "tu"?  
A: **vous**
7. What word is the deferential version of the singular "tu" in Spanish?  
A: **usted**

## Double Jump

8. What group of people raided the monastery at Lindisfarne in 793 AD during the early phases of their conquests in the British Isles?  
A: the **Vikings** (accept: **Norsemen**)
9. Near the end of the Viking age, what Danish king controlled a short-lived empire that encompassed England, Denmark, Norway, and parts of Sweden?  
A: **Cnut** the Great (accept: **Canute** the Great)

## Set of 4: Famous NBA Finals

10. Six times in the '60s, three times in the '80s, and twice in the twenty-first century, what two teams have faced off in the most finals?  
A: **Boston Celtics** (accept either bolded part) AND Los Angeles **Lakers** (accept: LA **Lakers**)  
(prompt on: Los Angeles, LA)
11. Just four days after tearing a thigh muscle in game 5, who returned in game 7 to help the Knicks win their first ever championship, in 1970?  
A: Willis **Reed**
12. The only player ever to be named Finals MVP while on the losing team was what Lakers point guard in 1969, a 14-time all-star whose silhouette was used for the NBA logo?  
A: Jerry **West**
13. What is the only team ever to come back from 3-1 down to win the finals, which they did against the record-setting 73-win Warriors in 2016?  
A: **Cleveland Cavaliers** (accept either bolded part) (accept: Cleveland **Cavs**)

## Jackpot

14. Part 1: A story from what country is about four animals who decide to run away from their abusive masters and become musicians, though they ultimately take over a cottage from robbers they scare off?
15. Part 2: A legend from this country inspired the short story "The Devil and Daniel Webster".
16. Part 3: This modern-day country is the origin of a term used to describe ghosts who can create physical disturbances, such as moving objects, making loud noises, or harming people.
17. Part 4: The story of a piper who leads all the children of a town away after he is not paid for his services is one of many fairy tales collected by two brothers from this country named Grimm.  
A: **Germany**

## Set of 3: Ontario Towns

18. Located where the Madawaska River meets the Ottawa River, what is the largest town between Renfrew and Ottawa?  
A: **Arnprior**
19. What small community is located at the northwestern tip of the Municipality of Northern Bruce Peninsula?  
A: **Tobermory**
20. What small city of just over 30,000 people is bordered to the west by Bass Lake, to the northeast by Lake Couchiching ["KOO-chitch-ing"], and to the southeast by Lake Simcoe?  
A: **Orillia**

## 5-Part Blitz

21. What scientist names a thought experiment concerning the likelihood of a brain forming spontaneously?  
A: Ludwig **Boltzmann**
22. What town was the de facto capital of France from 1682, when Louis the Fourteenth founded it near Paris, until 1789?  
A: **Versailles**
23. Owned by the American hedge fund Chatham Asset Management, what right-leaning media company publishes the *Calgary Herald*, the *Montreal Gazette*, and the *Vancouver Sun*?  
A: **Postmedia** Network (accept: **Postmedia** News)
24. *Shadow of the Erdtree* was a much-awaited DLC for what 2022 game?  
A: **Elden Ring**
25. What English artist depicted Samuel Johnson's near-sightedness in a portrait nicknamed "Blinking Sam" and had a rivalry with Thomas Gainsborough?  
A: Joshua **Reynolds**

## END OF FIRST QUARTER

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## SECOND QUARTER

### Splits: Spanish-Language Literature & World War II

#### Spanish-Language Literature

26. What country did the poets Gabriela Mistral and Pablo Neruda hail from?  
A: **Chile**

27. The Buendia family is central to what novel by Gabriel Garcia Marquez?  
A: **One Hundred Years of Solitude**
28. What country's national song takes its lyrics from Jose Marti poems, and is entitled "Guantanamera"?  
A: **Cuba**
29. What author explored the infinite in stories like "The Garden of Forking Paths" and "The Library of Babel", and was one of the most influential authors from Argentina?  
A: Jorge Luis **Borges**

### **World War II**

30. Serving from 1941 to 1944, what prime minister of Japan brought his country into World War II?  
A: Hideki **Tojo**
31. Operation Citadel resulted in what huge battle, which featured the Battle of Prokhorovka, one of the largest tank battles in history?  
A: Battle of **Kursk**
32. The Allied invasion of what island was disguised by Operation Mincemeat and launched from Tunisia?  
A: **Sicily**
33. In what city was the Secret Annex used to hide by Anne Frank?  
A: **Amsterdam**

### **Double Jump**

34. What profession performs analysis and consultation in addition to keeping financial records, distinguishing it from the related profession of bookkeeping, and is represented by the CPA in Canada?  
A: **accounting** (accept: chartered **accountants**) (prompt on: **CPA**)
35. What method of accounting is based on satisfying the accounting equation by recording every transaction twice, as a credit and as a debit?  
A: **double-entry** accounting/bookkeeping

### **Double Jump**

36. In 1854, what country was forcibly opened to the outer world by Matthew Perry's expedition, ending the long period of isolation enforced by its shoguns?  
A: **Japan**
37. As the shogunate collapsed in the following years, who became the first Japanese emperor in centuries to wield real power, following a revolution that reorganized the country along Western lines?  
A: Emperor **Meiji** (accept: **Mutsuhito**)

### **Set of 4: Limits**

38. What is the urban speed limit when none is posted?  
A: **50** km/h
39. What two Greek letters are used in the formal definition of a limit?  
A: **delta** AND **epsilon**
40. What actress delivers the iconic line "the limit does not exist" in the 2004 movie *Mean Girls*?  
A: Lindsay **Lohan**
41. What is entirely consumed during a chemical reaction?  
A: **limiting reactant** (accept: **limiting reagent**)

### **4-Part Mystery Link**

42. What TV show is about a group of teenagers exiled from the Ark spacecraft to explore a post-apocalyptic Earth?  
A: *The **100*** ["The Hundred"]
43. Peter Ostrum and Freddie Highmore have both played what character in film, starring alongside Gene Wilder and Johnny Depp, respectively?  
A: **Charlie** Bucket (prompt on: Bucket)
44. What constant to the negative fourth power times 8 times pi times big G is equal to Einstein's gravitational constant?  
A: **speed of light**
45. What chemical element makes up buckyballs and diamonds?  
A: **carbon** (accept: **C**)

### 5-Part Blitz

46. The Ancient, Exploration, and Modern Ages each end with a crisis event in what 4X game released on February 11th?  
A: **Civilization 7** (accept: **Civ 7**)
47. A round is a limited version of what musical form, which titles a well-known D major piece by Johann Pachelbel?  
A: **canon**
48. Spell the word meaning an irregular heartbeat, "arrhythmia".  
A: **A-R-R-H-Y-T-H-M-I-A**
49. You will have five seconds. Expressed as a decimal, what is the slope of a line perpendicular to the line  $y = 0.4x + 7$ ?  
A: **-2.5**
50. Having held power since November 2021, what Palestinian leader was killed in October 2024 in the Gaza Strip?  
A: Yahya **Sinwar**

### END OF FIRST HALF

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### THIRD QUARTER

#### Splits: Medication & Cake

##### Medication

51. What is the primary condition treated by methylphenidate, which is sold under brand names like Concerta and Ritalin?  
A: **ADHD** (accept: **attention deficit hyperactivity disorder**)
52. What class of drugs, some of which inhibit vasopressin secretion, increases the production of urine?  
A: **diuretics** (accept: **water tablets**)
53. What is the generic name for the medication sold under the brand names Rybelsus and Ozempic?  
A: **semaglutide**
54. Though they can be used to treat migraines and bipolar disorder, drugs like valproic acid and Tegretol also treat what condition?  
A: **epilepsy**

##### Cake

55. Fruit toppings such as pineapple are placed at the bottom of the pan when making what kind of cake, which is flipped over after baking is completed?  
A: **upside-down** cake
56. What type of cake has a scone-like texture and is served with cream and fruit, most notably strawberries?  
A: **shortcake**
57. What kind of pan has sides that can be detached from the base?  
A: **springform** pan
58. Beet juice may be used to create the signature colour of what kind of cake?  
A: **red velvet** cake

### Set of 3: Twists

59. Sophie Neveu is revealed to be descended from Jesus and Mary Magdalene at the end of what book by Dan Brown?  
A: *The **Da Vinci Code***
60. *The Village*, *The Happening*, and *The Sixth Sense* are movies by what director, known for his twist endings?  
A: M. Night **Shyamalan**
61. What four words does an old man shout as he pulls out a gun in a parking lot, after calling for an ambulance, in a self-defence advertising video from Las Vegas?  
A: **"but not for me!"**

### Jailbreak

62. What three words does the chorus repeat while Aaron Burr declares "I am the one thing in life I can control / I am inimitable, I am an original" in his signature song?  
A: **"wait for it"**
63. What word can refer to the amount of thermal energy that is unavailable for work, or to the disorder of a closed system?  
A: **entropy**
64. What two religions dominated Southeast Asia for a millennium until the spread of Islam?  
A: **Hinduism** AND **Buddhism** (accept: **Buddhist**)
65. The highest and lowest strings of a standard acoustic guitar are most commonly tuned to what note?  
A: **E** natural
66. What psychiatrist first described the five stages of grief?  
A: Elisabeth **Kuebler-Ross**
67. LocalThunk developed what poker-themed deck-building roguelike video game?  
A: **Balatro**
68. After years of overbuilding, what country has been experiencing a real estate crash since 2021, sparked by the default of the Evergrande Group?  
A: **China** (accept: **People's Republic of China, PRC**) (reject: Republic of China)
69. Located in the southern part of the Highveld, what city serves as the judicial capital of South Africa?  
A: **Bloemfontein**
70. The change in perceived pitch as the source of a sound travels past an observer is an example of what effect?  
A: **Doppler** effect (accept: **Doppler** shift)
71. What alliteratively-named figure is said to spy on the residents of Oceania in 1984?  
A: **Big Brother**
72. In Java and C-based languages, what symbol is put between the three parts of a for loop?  
A: **semicolon**

73. What Arabic word refers to each of the 114 chapters of the Quran?  
A: **Surah** (accept: **Suwar**)
74. What colour is the 37-foot-high left field wall at Fenway Park, home of the Red Sox?  
A: **green**
75. Lublin and Gdansk are cities in what country?  
A: **Poland**

### END OF THIRD QUARTER

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### FOURTH QUARTER

#### Jackpot

76. Part 1: The cold, dry wind known as the bora is most associated with what body of water?
77. Part 2: This narrow body of water is bounded to the south by the strait of Otranto.
78. Part 3: Hundreds of islands and inlets can be found in this body of water off the coast of Istria and Dalmatia. This sea is located just north of the Ionian Sea.
79. Part 4: Major ports on this arm of the Mediterranean Sea include the Italian cities of Trieste and Venice.  
A: **Adriatic** Sea (prompt on: Mediterranean Sea on Parts 1 and 2 only)

#### Set of 4: Saturn

80. In which month did the Ancient Romans celebrate Saturnalia?  
A: **December**
81. What generation of Saturn rocket has carried Americans to the moon 9 times?  
A: Saturn **V** ["five"]
82. What was the Ancient Greek equivalent of the Roman god Saturn?  
A: **Cronus** (accept: **Kronos**)
83. Who was the first person to observe Saturn's rings?  
A: **Galileo Galilei** (accept either bolded part)

#### Set of 5: Musical Geography

84. What country is in the name of the band behind the songs "Got It All", "Live in the Moment", and "Feel It Still"?  
A: **Portugal**
85. In what song does the narrator wish they were instead in Los Angeles during a winter's day in New York where "all the leaves are brown and the sky is grey"?  
A: **"California Dreamin'"**
86. The singer states that half of her heart is in what city in a 2018 song by Camila Cabello ["cah-BAY-oh"]?  
A: **Havana**
87. Name either of the American states that title a Sufjan Stevens album.  
A: **Michigan** OR **Illinois**
88. Who has recorded multiple songs titled for times in different cities, including "4PM in Calabasas", "8AM in Charlotte", and "5AM in Toronto"?  
A: **Drake** (accept: Aubrey **Graham**)

#### 12-Part Blitz

89. Due to the immense choral and orchestral forces required, what numerical nickname is often applied to Mahler's eighth symphony?  
A: symphony **of a thousand** (accept: symphony **of one thousand**)
90. Created by Jeff Knurek in 1989, what game involves two teams of two players hitting a ball into a circular, trampoline-like net just above the ground?  
A: **Spikeball** (accept: **roundnet**)
91. The Lyman, Balmer, and Paschen series of spectral lines are all observed from the analysis of what element?  
A: **hydrogen** (accept: **H**)
92. In the late 1800s, Theodore Herzl founded what movement, encouraging Jews to leave Europe and move to the Holy Land?  
A: **Zionism** (accept: **Zionist** movement)
93. What is the most populous island in the world, home to Jakarta?  
A: **Java**
94. What explorer's expedition was the subject of the painting *Man Proposes, God Disposes*, which shows two polar bears scavenging a shipwreck?  
A: John **Franklin**
95. Shale, limestone, and sandstone are all types of what kind of rock, which can typically be found in layers called strata?  
A: **sedimentary** rock
96. What term refers collectively to the states of Cao Wei, Shu Han, and the Eastern Wu, which controlled most of China in the 3rd century AD?  
A: **Three Kingdoms**
97. Name both of the actors who played the older versions of characters portrayed by James MacAvoy and Michael Fassbender, rivals in the *X-Men* series.  
A: Patrick **Stewart** AND Ian **McKellen**
98. Originating from the ancient Greek term for "warlike" and often applied to political pamphlets from the Enlightenment era, what word means aggressive rhetoric on controversial topics?  
A: **polemic**
99. What surname is shared by a former soap opera star with an eccentric vocabulary and her husband, who loses his family's fortune and must relocate them to Schitt's Creek?  
A: **Rose**
100. What huge city sits on the Bohai Sea some 120 kilometres southeast of Beijing?  
A: **Tianjin** (accept: **Tientsin**)

**END OF GAME**