



## 2024-25 High School Championship (T3) – Pack 5

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# PACK 5

## 5-Part Blitz

1. What country was ruled by a Marxist military dictatorship known as the Derg, which overthrew the emperor Haile ["HY-lee"] Selassie?  
A: **Ethiopia**
2. What style of glasses has top corner edges that sweep upward and was popular among women in the 1950s and 1960s?  
A: **cat eye** glasses (accept: **cat's eye** glasses)
3. What word do anthropologists use for the systems of relationships between human beings, such as friendship and family ties?  
A: **kinship**
4. Chimamanda Adichie and Chinua Achebe are both authors from what country?  
A: **Nigeria**
5. While the root system is hidden underground, what name that rhymes with it refers to the part of a plant that emerges above the ground?  
A: **shoot** system

## Double Jump

6. As a fraction, what is the probability of getting two heads when flipping two fair coins?  
A: **1/4**
7. As a fraction, what is the probability of getting exactly two heads when flipping three fair coins?  
A: **3/8**

## Double Jump

8. The Zambezi River notably zigzags just below what natural landmark, one of the world's largest waterfalls?  
A: **Victoria Falls** (prompt on: Victoria)
9. Sections of the Zambezi River, including Victoria Falls, form most of the border between what two countries?  
A: **Zambia** AND **Zimbabwe**

## Set of 4: Elements in the Name

10. Who is looking for a heart in *The Wizard of Oz*?  
A: the **Tin Man** (accept: the **Tin Woodman**)
11. What name was given to the period of political violence in 1970s and '80s Italy?  
A: **Years of Lead** (reject: Year of Lead)
12. Whose stunts have included making the Statue of Liberty disappear and escaping from Alcatraz?  
A: David **Copperfield**
13. A 2.4-mile swim followed by a 112-mile bike ride and then a marathon make up what endurance event?  
A: **Ironman** Triathlon

## Jackpot

14. Part 1: What city gives its name to a piece that begins with four long unison Ds, followed by a rapid ascending D major scale? That piece is Mozart's 31st Symphony.
15. Part 2: A 1928 symphonic poem written after its composer visited this city includes four taxi horns in its score.
16. Part 3: In the 19th century, Giacomo Meyerbeer was one of the leading composers of this city's Grand Opera. Early in the 20th century, this city hosted the tumultuous premiere of *The Rite of Spring*.
17. Part 4: That aforementioned 1928 tone poem by George Gershwin is called "An American in" this city.  
A: **Paris**

## Set of 3

18. Since the NFL-AFL merger in 1970, what team has had only three head coaches: Chuck Noll, Bill Cowher, and Mike Tomlin?  
A: **Pittsburgh Steelers** (accept either bolded part)
19. What was the nickname of the stifling defensive line that led Noll's Steelers to four Super Bowl wins in the 1970s?  
A: the **Steel Curtain**
20. What team is tied with the Steelers with a record 6 Super Bowl victories, all of which they won with coach Bill Belichick and quarterback Tom Brady?  
A: **New England Patriots** (accept either bolded part)

## 5-Part Blitz

21. What is the second-largest and second-most-populous Philippine island?  
A: **Mindanao**
22. The Hollyhock House and Fallingwater are buildings designed by what American architect?  
A: Frank Lloyd **Wright**
23. What two-word term refers to when two off-phase waves cancel each other out?  
A: **destructive interference** (accept word forms)
24. Lloydminster and Flin Flon are both partially located in which province?  
A: **Saskatchewan**
25. What game's Chapter IV season pack includes widely-awaited DLCs such as *All Under Heaven* and *Khans of the Steppe*?  
A: **Crusader Kings 3** (accept: **CK3**)

## END OF FIRST QUARTER

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## SECOND QUARTER

### Splits: American Civil War & Classic Song Locations

#### American Civil War

26. Known as the "Anaconda Plan", what kind of strategy did the Union navy pursue during the war, successfully strangling the Confederacy's trade?  
A: naval **blockade** (accept: **blockading** ports)

27. Though he managed to train the inexperienced Union volunteers into a proper army, what general's overly cautious command in battle led Abraham Lincoln to fire him after he failed to pursue Robert E. Lee's army at Antietam?  
A: George **McClellan**
28. On New Year's Day 1863, the 3.5 million slaves still under Confederate control were promised freedom when Lincoln issued what executive order?  
A: **Emancipation Proclamation**
29. On Independence Day of that year, the day after Gettysburg, Ulysses S. Grant split the Confederacy in two by winning what battle at a fort on the Mississippi?  
A: Battle/Siege of **Vicksburg**

### Classic Song Locations

30. What is the site of an ill-fated romance between a bartender named Tony and a showgirl named Lola at the "hottest spot north of Havana"?  
A: **Copacabana** club
31. What location was described as a "little old place where we can get together" by the B-52s?  
A: **Love Shack**
32. A nurse, a banker, a fireman, and a barber are all mentioned in a song by The Beatles describing what street?  
A: **Penny Lane** (prompt on: Penny)
33. Also the venue of a famous live album, what location titles a song whose narrator was imprisoned for having "shot a man in Reno just to watch him die"?  
A: **Folsom Prison** (prompt on partial answers)

### Double Jump

34. What Canadian author wrote about Hagar Shipley in *The Stone Angel*?  
A: Margaret **Laurence**
35. *The Stone Angel* is one of five novels that Laurence set in what fictional Manitoba town?  
A: **Manawaka**

### Double Jump

36. What American chemist has an acid-base theory defined with electron pair donation and acceptance, and names a way to visualize molecules, his namesake dot diagrams?  
A: Gilbert **Lewis**
37. What sort of covalent bond is created when a Lewis base contributes both of its electrons when bonded to a Lewis acid?  
A: **coordinate** covalent bond (accept: **dative** bond, **dipolar** bond)

### Set of 4: Card Games

38. Xyz ["ik-SEEZ"], Pendulum, and Synchro are among the summoning types used for what trading card game?  
A: **Yu-Gi-Oh! Trading Card Game/TCG**
39. "Black Maria" and "Black Lady" are variants of what trick-taking card game?  
A: **Hearts**
40. Pumps, carriages, plows, and pails adorn the cards of what fast-paced action game, popular with the German population of Pennsylvania?  
A: **Dutch Blitz**

41. The Witch allows you to draw two cards and curse the other players in what deck-building game with a medieval theme?

A: **Dominion**

#### Set of 4

42. In order to defend against Xiongnu ["SHYONG-noo"] raiders from the north, what structure was completed in the third century BC by joining together smaller already-existing walls?

A: **Great Wall** of China

43. The wall was completed under what emperor, the first to unite and rule all of China?

A: **Qin Shi Huangdi** ["cheen shee HWONG-dee"] (prompt on: Qin) (accept: **Ying** Zheng ["YEENG jung"], **Zhao** Zheng ["JAO jung"])

44. The wall was rebuilt in brick under which dynasty, which spanned late medieval and early modern China?

A: **Ming** Dynasty

45. The top of the wall is lined with what kind of feature, which allowed troops to fire at the enemy from under cover?

A: **battlements** (accept: **crenellations**, **embrasures**)

#### 5-Part Blitz

46. Housed within the cylinder, what part of an engine drives the crankshaft to convert linear to rotational motion?

A: **pistons**

47. What is the world's only commercial airliner that has two full-length passenger decks?

A: Airbus **A380**

48. Rounded to the nearest 10 percent, what percentage of the human population lives in the Northern Hemisphere?

A: **90** percent

49. Teddy Ortiz and Francis Pope are the best friends of what character, the protagonist of a comic strip and series of graphic novels by Lincoln Peirce ["purse"]?

A: **Nate Wright** (accept either bolded part) (accept: **Big Nate**)

50. What kind of ending was popularized by Charles Dickens in his serialized novels, to entice readers to return for the next chapter?

A: **cliffhanger** ending

#### END OF FIRST HALF

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#### THIRD QUARTER

#### Splits: Minerals & The CBC

##### Minerals

51. Iron impurities result in the violet colour of what variety of quartz?

A: **amethyst**

52. Name either element present in galena.

A: **lead** (accept: **Pb**) OR **sulphur** (accept: **S**)

53. Diamond is given what value on the Mohs scale?

A: **10**

54. What material consists of the mineral hydroxyapatite within a collagen matrix?

A: **bone**

### **The CBC**

55. Despite the national NHL rights going to Sportsnet in 2014, the CBC still airs what program consisting of two hockey games on Saturday evenings?

A: **Hockey Night in Canada**

56. Currently hosted by Bob McDonald and first hosted by David Suzuki, what is CBC Radio's science program?

A: **Quirks and Quarks**

57. Airing on Sundays and weeknights at 10:00 PM, what is the CBC's flagship TV news program?

A: **The National**

58. The CBC sponsors what annual lecture series named for a Canadian governor general?

A: **Massey** Lectures

### **Set of 3: Lesser-Known Definitions**

59. What "P"-word can sometimes mean overly sensitive or stringent about something unimportant, but more commonly describes valuable things such as gems?

A: **precious**

60. What "I"-word originally meant "difficult to believe", but is now most often used as a compliment meaning "very good"?

A: **incredible**

61. What "P"-word can sometimes refer to the final reveal of a magic trick, but usually refers to the state of being held in high regard?

A: **prestige**

### **Jailbreak**

62. In organic chemistry notation, what letter is used to denote any organic substituent?

A: **R**

63. What is the main language of Mumbai, and of the western state in which it lies?

A: **Marathi**

64. What free, open-source 3D graphics and modelling tool shares its name with a common kitchen appliance?

A: **Blender**

65. What kind of monster is drowned by Ecthelion during the Fall of Gondolin, and fights with Gandalf at the Bridge of Khazad-Dum in Moria?

A: **Balrog**

66. *The Subjection of Women* and *On Liberty* were written by what 19th-century feminist and utilitarian philosopher?

A: John Stuart **Mill**

67. A line of four interlocking circles is the logo of what car manufacturer?

A: **Audi**

68. What godfather of Chrystia Freeland's son defeated Freeland to win the Liberal leadership in March?

A: Mark **Carney**

69. What is 176 divided by 11?

A: **16**

70. The deadliest eruption in American history was the May 1980 eruption of what volcano in southern Washington?

A: Mount **St. Helens**

71. What letter must be added to the name of one of the sons of Poseidon to get a word for a musical interval equal to half an octave?  
A: **E** (Triton -> tritone)
72. Natural processes involving the removal, transportation, and deposition of soil or rock are referred to by what term, contrasted with weathering, which occurs in place?  
A: **erosion** (accept: **eroding**, **erode**)
73. Who plays Colt Seavers, the titular stuntman, in *The Fall Guy*?  
A: Ryan **Gosling**
74. Lake Titicaca is located on the border between what two countries?  
A: **Peru** AND **Bolivia**
75. Pelican Town provides the setting for what popular farming sim?  
A: **Stardew Valley**

### END OF THIRD QUARTER

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### FOURTH QUARTER

#### Jackpot

76. Part 1: In memory of Judas's betrayal of Jesus, what is the earlier of two fasting periods that occur repeatedly throughout the year in Eastern Orthodox Christianity?
77. Part 2: The nickname "Spy" is given to one instance of this day, during which Catholics often observe the Tenebrae ritual in the evening.
78. Part 3: In another celebration partially named for this day, clergy mark a sign on the foreheads of worshippers.
79. Part 4: This day of the week is the first day of Lent, when churchgoers mark that cross out of ash.  
A: **Wednesday**

#### Streak

80. Identify up to all four elements that make up the fuel of modern nuclear bombs.
- A: **uranium** (accept: **U**)
- A: **plutonium** (accept: **Pu**)
- A: **hydrogen** (accept: **H**)
- A: **lithium** (accept: **Li**)

Wrong?

Score:

#### Streak

82. By market capitalization, name up to any 4 of the 5 largest companies headquartered in Canada.
- A: **Royal Bank of Canada** (accept: **RBC**)
- A: **Shopify** Inc.
- A: **Toronto-Dominion** Bank (accept: **TD** Bank Group)
- A: **Enbridge** Inc.
- A: **Brookfield** Corporation

## 5-Part Mystery

84. What "superstorm" ravaged New York City in October 2012?  
A: Hurricane **Sandy**
85. On what holiday is the Chicago river dyed green?  
A: **St. Patrick's** Day (accept: **St. Paddy's** Day, **St. Pat's** Day)
86. What organisms, whose name derives from the Greek for "wanderers" or "drifters", form the base of many marine ecosystems?  
A: **plankton**
87. In what city in Indiana was Michael Jackson born?  
A: **Gary**
88. What is the common name for the most basal animal phylum, invertebrate sessile filter feeders with scientific name Porifera?  
A: sea **sponges**

## 12-Part Blitz

89. What actor was the focus of an October 2024 contest held at New York City's Washington Square Park that judged his lookalikes?  
A: Timothée **Chalamet**
90. Which Shakespearean play features a malapropism-plagued character named Dogberry?  
A: ***Much Ado About Nothing***
91. What computer hardware component is usually composed of aluminum fins and can be attached to a CPU with thermal paste?  
A: **heat sink**
92. What majority-Buddhist autonomous region lies in the far southwest of China?  
A: **Tibet**
93. What type of pour-over-style coffee maker has a distinctive hourglass shape with special filters?  
A: **Chemex** coffeemaker
94. "Loyalty" by Kendrick Lamar samples what 2016 hit by Bruno Mars?  
A: **"24K Magic"** (accept: **"24 Karat Magic"**)
95. What character created by Jean de Brunhoff leaves the jungle for the city and returns to become king of the elephant kingdom?  
A: **Babar** the Elephant
96. What alliterative term describes a strategic operation whose intent is to pin blame on another party?  
A: **false flag**
97. What bogus name does Fogell use on a fake Hawaiian driver's license in the movie *Superbad*?  
A: **McLovin**
98. Who quoth "Nevermore" in a namesake poem by Edgar Allen Poe?  
A: the **raven**
99. What is the highest mountain in the Alps?  
A: Mont **Blanc**
100. What titular phenomenon is depicted in a 1781 painting by Henry Fuseli in which a demon sits on an unconscious woman?  
A: **nightmare**

END OF GAME