



2023-24 Post-Secondary Qualifier (T3) – Pack 1

Head Editor: *Ian Greig*

Writers/Editors: *Ian Chow, Hannah Cookson, Odin Fisher-Skau, Max Gedajlovic, Ian Greig, Paul Kasiński, Yadu Kukenthiran, Jenny Mao, Jack van Nostrand, Ryan Sharpe, Joe Su, Isaac Thiessen, Gaian Valdegamo, James Wang, Zhongtian Wang, Adrian Wong, Joyce Xi*

PACK 1

5-Part Blitz

1. What phrase, referencing a scene in the sitcom *Happy Days*, refers to the phenomenon of a TV show becoming more outlandish and declining in quality after exhausting its original ideas?
A: **jumping the shark** (accept: **jump the shark, jumped the shark**)
2. The three kingdoms of Goguryeo, Baekje ["BAK-juh"], and Silla once controlled the vast majority of what peninsula, now occupied by two countries?
A: **Korean** Peninsula (accept: **Korea**)
3. What character delivered the prophecy that caused Lord Voldemort to make his first attempt at murdering Harry Potter?
A: Professor **Sybil Trelawney** (accept either bolded part)
4. Who gives his name to the *Civilization* series of video games?
A: Sidney "Sid" **Meier**
5. What Quebec community holds a Guinness world record for most exclamation marks in a town name?
A: **Saint-Louis-du-Ha! Ha!**

Double Jump

6. Eukaryotic cells are distinguished from prokaryotes by the presence of which organelle, which serves as the command centre for the cell?
A: cellular **nucleus**
7. What g-protein, whose GTP and GDP bound states are controlled by the nucleotide exchange factor RCC1, helps transport proteins in and out of the nucleus?
A: **RAN** (accept: **Ras-related Nuclear protein**)

Double Jump

8. Bradley Cooper portrays what American conductor in the movie *Maestro*, whose compositions include the musical *West Side Story*?
A: Leonard **Bernstein**
9. What Bernstein musical, based on the ballet *Fancy Free*, revolves around three sailors on shore leave in New York City?
A: **On the Town**

Set of 4: Pauls in Sports

10. Nicknamed "the Truth," what small forward formed a big 3 with Ray Allen and Kevin Garnett and helped the Celtics ["SEL-tiks"] win the NBA championship in 2008?
A: Paul **Pierce**
11. Formerly an Arizona Diamondback, who won the NL MVP in 2022 playing first base for the St. Louis Cardinals?
A: Paul **Goldschmidt**
12. Who helped Juventus reach the UEFA Champions League final in 2015, but is currently facing a four year ban from soccer after being caught doping in October 2023?
A: Paul **Pogba**

13. "CP3" is the nickname of what Golden State Warriors point guard?

A: **Chris Paul** (prompt on: Paul)

Jackpot

14. Part 1: What geographic feature is the subject of a song with translated lyrics including "yo, heave ho" and "once more, once again, still once more"?

15. Part 2: This body of water is the subject of a realist painting that shows 11 exhausted men dragging a barge along it.

16. Part 3: The Kama and Oka rivers are tributaries of this river, which flows through the city of Kazan.

17. Part 4: The longest in Europe, this river empties into the Caspian Sea after flowing through the centre of European Russia.

A: **Volga** River

Set of 3: Two-Letter Abbreviations

All answers must contain a two-letter abbreviation.

18. People who do not want their home address to be known can have their mail addressed to what kind of box?

A: **PO** box

19. Athletes often apply interlocking strips of what colourful elastic tape to their injuries?

A: **KT** tape

20. Before a piece of software is released, what kind of testing must be performed to ensure the software works correctly and has no bugs?

A: **QA** tests/testing

5-Part Blitz

21. What is "one billion" in French?

A: un **milliard**

22. Call, Muscovy, and Peking are all breeds of what waterfowl?

A: **duck**

23. Graham crackers, marshmallows, and chocolate can be used to make what campfire snack?

A: **s'mores**

24. The approximate distance between what two entities forms the basis for the astronomical unit, or AU?

A: **Earth** AND the **Sun**

25. What is the nickname of John Kramer, the antagonist of the *Saw* franchise?

A: **Jigsaw** (accept: the **Jigsaw Killer**)

END OF FIRST QUARTER

SECOND QUARTER

Splits: Roads in Literature & World War II in the Pacific

Roads in Literature

26. An unnamed boy and his father struggle to survive in what post-apocalyptic novel by Cormac McCarthy?

A: *The **Road***

27. What self-insert narrator travels across the United States with his friend Dean in Jack Kerouac's *On the Road*?
A: **Sal Paradise** (accept either bolded part)
28. The first entry in the collection *Mountain Interval*, what poem by Robert Frost opens with the line "Two roads diverged in a yellow wood"?
A: "The **Road Not Taken**"
29. Who discussed his love of wine and his love of travel, despite its difficulties, in "Hard Road to Shu", a landmark medieval Chinese poem?
A: **Li Bai** (accept: **Li Po**)

World War II in the Pacific

30. What two-word term refers to the Allied strategy of capturing lightly-defended islands and using them to cut off supply routes to more heavily-defended Japanese bases?
A: **island-hopping**
31. What major battle saw the sinking of the Japanese carriers Soryu, Kaga, and Akagi, and is often considered a turning point in the Pacific theatre?
A: Battle of **Midway**
32. Who was the commander-in-chief of the Imperial Japanese Navy Combined Fleet until 1943?
A: Admiral Isoroku **Yamamoto**
33. The first use of kamikaze attacks and the last ever engagement between battleships occurred at what 1944 naval battle, often considered the largest naval battle ever fought?
A: Battle of **Leyte Gulf**

Double Jump

34. What god is bound to a rock by his son's entrails and has serpent poison drip into his mouth as punishment for betraying the rest of the Norse pantheon shortly before Ragnarok?
A: **Loki**
35. Hel, Fenrir, and Jormungandr were the children of Loki's marriage to what giantess?
A: **Angrboda**

Double Jump

36. Haile Selassie of Ethiopia was the last ruler of what dynasty?
A: **Solomonic** Dynasty (accept: House of **Solomon**)
37. Yekuno Amlak, the founder of the Solomonic dynasty, overthrew what earlier dynasty in 1270?
A: **Zagwe** Dynasty

Set of 4

38. Along with things that are old, new, and borrowed, an item of what colour should be worn by a bride for good luck, according to a traditional rhyme?
A: **blue**
39. What effect named for a British physicist causes the daytime sky to appear blue?
A: **Rayleigh scattering**
40. Bingo is the younger sister of what six-year-old title character of an Australian children's TV series?
A: **Bluey**
41. The songs "River" and "A Case of You" were included on what Canadian singer-songwriter's album *Blue*?
A: Joni **Mitchell**

Set of 4: The Number 1000

42. To the nearest integer, what is the square root of 1000?
A: **32**
43. To the nearest integer, what is the natural log of 1000?
A: **7**
44. You will have 5 seconds. How many factors does 1000 have?
A: **16**
45. What is the largest prime number below 1000?
A: **997**

5-Part Blitz

46. What "D"-word, a form of decentralization, refers to the process through which a unitary state like the United Kingdom may choose to delegate its power?
A: **devolution**
47. Exemplified by works such as *Madonna with the Long Neck*, what art style exaggerated the realistic features depicted by earlier Renaissance artists?
A: **mannerism**
48. Mostly administered in poor countries due to its affordability, what major COVID-19 vaccine was co-created by a British university?
A: Oxford **Astra-Zeneca** vaccine (accept: **Covishield, Vaxzevia**)
49. In what kind of experiment are the participant and researcher both unaware of the type of treatment being administered?
A: **double-blind** experiment/trial
50. Egoistic, altruistic, and anomic are the three versions of what action, according to a study of it by Emile Durkheim?
A: **suicide**

END OF FIRST HALF

THIRD QUARTER

Splits: Computer Products & Scrabble

Computer Products

51. What two laptops are sold under the MacBook brand?
A: Macbook **Pro** AND Macbook **Air**
52. What line of business-oriented laptops was originally made by IBM, but is today made by Lenovo?
A: Lenovo **ThinkPad**
53. Primarily competing with Intel, what American company produces the Ryzen line of CPUs?
A: **AMD** (accept: **Advanced Micro Devices, Inc.**)
54. Ahead of the second-place Microsoft Azure, what is by far the largest cloud computing provider in the world?
A: **Amazon Web Services** (accept: **AWS**) (prompt on: **Amazon**)

Scrabble

55. How many total squares are on a *Scrabble* board?
A: **225**
56. The F, H, V, W, and Y tiles are each worth how many points?
A: **4**
57. How many blank tiles are there in total?
A: **2**
58. What American architect invented *Scrabble* in 1938?
A: Alfred M. **Butts**

Set of 3: Catherine de Medici

59. Catherine was born in what Italian city, the power base of the Medici family?
A: **Florence**
60. Before his death at age 16, Catherine's son Francis II was briefly married to which woman from the House of Stuart, later executed by her cousin Elizabeth I?
A: **Mary, Queen of Scots** (prompt on: Mary)
61. On what holiday did Catherine order the assassinations of leading Huguenots?
A: **St. Bartholomew's Day**

Jailbreak

62. What composer's eighth symphony is nicknamed the *Symphony of a Thousand*?
A: Gustav **Mahler**
63. Canada's National Suicide Prevention Lifeline can be reached through what newly-created 3-digit phone number?
A: **988**
64. What three-letter word is an alternate name for a wildebeest?
A: **gnu** ["new"]
65. In 2023, the *Valhalla* DLC was released for what Greek and Norse mythology-inspired game that launched one year earlier?
A: **God of War Ragnarok** (prompt on: Ragnarok)
66. The aging fisherman Santiago struggles to catch a huge marlin in what novella by Ernest Hemingway?
A: *The **Old Man and the Sea***
67. Despite recent struggles with his putting, what Texan who won the 2022 Masters is the current world number one ranked golfer?
A: Scottie **Scheffler**
68. With a name meaning "archipelago", what planned city will become the new capital of Indonesia once completed?
A: **Nusantara**
69. What actress plays the title politician on *Veep* as well as Elaine Benes on *Seinfeld*?
A: Julia **Louis-Dreyfus**
70. The Beothuk people were native to what island?
A: **Newfoundland**
71. What is the current major version of the iOS operating system?
A: iOS **17**
72. What is the tallest mountain in Africa?
A: Mount **Kilimanjaro**
73. Who sings "I'm sad again, don't tell my boyfriend" in her song "What Was I Made For"?
A: Billie **Eilish**

74. What term is shared between a type of polyester fabric and the woolen coat obtained after shearing a sheep?
A: **fleece**
75. What city's public transit network includes the Docklands Light Railway, the Elizabeth Line, and the Tube?
A: **London**

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: What place inspired a Christmas song recorded by Bing Crosby and the Andrews Sisters, in which Crosby sings "the sun to shine by day and all the stars at night" and notes that the title phrase "is the thing to say"?
77. Part 2: This is the titular location of a 1973 Elvis concert that was broadcast "via satellite".
78. Part 3: A tourist named Paula convinces Kai, a native of this place, to steal bracelets from a hotel room safe in Season 1 of *The White Lotus*, which is set in it.
79. Part 4: It's not China, but Emma Stone faced significant backlash for portraying a character with ancestry from this US state in the 2015 movie *Aloha*.
A: **Hawaii**

Streak

80. Name up to all of the five countries with the most UNESCO World Heritage Sites.
A: **Italy**
A: **China**
A: **France**
A: **Germany**
A: **Spain**

Streak

83. Give the Japanese names for up to all of the three main scripts that make up the Japanese writing system.
A: **kanji**
A: **hiragana**
A: **katakana**

Set of 5: The Periodic Table

84. What is the symbol of the element with the largest predicted atomic radius?
A: **Fr**
85. What is the symbol of the period 3 metalloid with an atomic mass of 28.1 and atomic number 14?
A: **Si**
86. What is the atomic number of the period 2 element with the highest ionization energy?
A: **10**

87. What is the atomic number of the element with the largest atomic radius in period 4, which has an atomic mass of 39.1?
A: **19**
88. What is the symbol of the element with an atomic mass of 35.5 and a common charge of -1?
A: **Cl**

12-Part Blitz

89. A riot occurred during the premiere of what ballet by Igor Stravinsky, partly titled for a season?
A: *The **Rite of Spring***
90. A story about a fictional son swerving his car to avoid a porcupine is told by the bickering couple George and Martha in what Edward Albee play?
A: ***Who's Afraid of Virginia Woolf?***
91. In what location does Rudolph meet a cowboy riding an ostrich and a train with square wheels in the 1964 stop-motion Christmas special?
A: **Island of Misfit Toys**
92. Who was the leader of the Greeks in the Trojan War?
A: **Agamemnon**
93. The Sapir-Whorf hypothesis is important to what broad field of study?
A: **linguistics**
94. Often contrasted with apoptosis, what term refers to the death of cells due to injury or disease?
A: **necrosis**
95. The Comedian, Doctor Manhattan, and Rorschach are among the main characters of what comic book series created by Alan Moore?
A: **Watchmen**
96. In what movie is a 1961 Ferrari 250 GT driven around Chicago by parking attendants while the car's owners take part in a parade performance of "Twist and Shout" instead of going to class?
A: **Ferris Bueller's Day Off**
97. During his lifetime, Johann Sebastian Bach was best known not as a composer, but as an accomplished player of what instrument?
A: church/pipe **organ**
98. Julien Sorel carries on a cynical relationship with Mathilde de la Mole in what Stendhal novel?
A: *The **Red and the Black***
99. What was the profession of rivals Othniel Charles Marsh and Edward Drinker Cope?
A: **paleontologist** (accept: **paleontology**)
100. Because they were associated with the god Khepri, what insects were revered as sacred in ancient Egypt?
A: **scarab** beetles (accept: **dung beetles**) (prompt on: **beetles**)

END OF GAME