



2024 Summer Open (T1) – Pack 8

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PACK 8

5-Part Blitz

1. What number is applied to someone equally attracted to the same and opposite sexes on the Kinsey scale?
A: **3**
2. What new party came third in this week's South African elections under the leadership of Jacob Zuma?
A: **uMkhonto we Sizwe** (accept: **MK, Spear of the Nation**)
3. As cattle are bovine and goats are caprine, what adjective refers to swine?
A: **porcine**
4. "A Novel About Three Army Surgeons" is the subtitle to what novel, which was later adapted into a 1970 Robert Altman film and a television series starring Alan Alda?
A: **MASH**
5. What angel revealed the Golden Plates to Joseph Smith, according to Mormon teachings?
A: **Moroni**

Double Jumps

6. What singer asks the listener to "kiss me in the D-A-R-K dark tonight" in "Lolita" and "kiss me hard before you go" in "Summertime Sadness"?
A: Lana **Del Rey** (prompt on: Lana) (accept: Elizabeth/Lizzy **Grant**)
7. "Brooklyn Baby" and "West Coast" are tracks on which Lana Del Rey album, her followup to *Born to Die*?
A: **Ultraviolence**
8. With a name from the Latin words for "heaped" and "rainstorm", what type of cloud forms towering, anvil-like shapes and often brings thunderstorms?
A: **cumulonimbus**
9. Tending to form huge decks over the subtropical oceans and the western coasts of continents, what low-level cloud type is the most common type of cloud on Earth?
A: **stratocumulus**

Set of 4: American in World War II

10. Operation Watchtower was the codename for what campaign in 1942 and early 1943, fought on one of the Solomon Islands?
A: **Guadalcanal** campaign (accept: battle of **Guadalcanal**)
11. Who ordered the atomic bombings of Hiroshima and Nagasaki?
A: Harry S. **Truman**
12. Under what policy did America send free military and economic supplies to allies like Britain, Russia, and China from 1941 onwards?
A: **lend-lease**
13. What Republican was the Secretary of War from 1940 to 1945?
A: Henry **Stimson**

Jackpot

14. Part 1: What composer wrote a piece that begins with a slow, unison, long D, long D, short D, up to long A, followed by long D, long D, short D, down to long A?
15. Part 2: A third movement known as the "Witches Minuet" can be found in a quartet by this composer, which gets its nickname from the perfect falling fifths that open the first movement.
16. Part 3: This composer wrote a long orchestral overture without any cadences to represent chaos, and ended that section with a massive C major chord following the words "and there was light".
17. Part 4: This composer wrote symphonies nicknamed "Drumroll", "The Clock", and "The Surprise".
A: Joseph **Haydn** (accept: Franz Joseph **Haydn**)

Set of 3: Word Origins

Given a list of English words, name the language they all come from.

18. Jungle, juggernaut, loot, thug.
A: **Hindustani** (accept: **Urdu, Hindi, Sanskrit**)
19. Beluga, taiga, pogrom, balaclava.
A: **Russian**
20. Cookie, yacht, sloop, dike.
A: **Dutch**

5-Part Blitz

21. "Wit beyond measure is man's greatest treasure" was the motto of which founder of Hogwarts?
A: Rowena **Ravenclaw**
22. The quantum of the electromagnetic field is what massless elementary particle often known as the "light particle"?
A: **photon**
23. What compound word usually refers to the idea discovered independently by both Aristarchus of Samos and Nicholas Copernicus?
A: **heliocentrism** (accept word forms)
24. In chess, the bishop, formerly the alfil ["al-FILL"], originally represented what animal?
A: **elephant**
25. What small town in Donetsk Oblast was mostly captured by Russian forces in spring 2023 after nearly a year of savage fighting?
A: **Bakhmut**

END OF FIRST QUARTER

SECOND QUARTER

Splits: Uncommon Sports & Ancient Egypt

Uncommon Sports

26. Originating in India, what sport involves a "raider" attempting to touch as many defenders as possible in a single breath while chanting the name of the sport?
A: **kabaddi**
27. What word, which translates to "ball" in Spanish, names a variety of racquet sports originating in the Basque country?
A: **pelota**

28. Competitors in what sport live in communal facilities called heya and must eat two extremely calorie-dense meals per day?
A: **sumo** wrestling (reject: wrestling)
29. Designed to be played by women and girls, what Canadian sport is similar to hockey but uses straight sticks and a pneumatic ring?
A: **ringette**

Ancient Egypt

30. The kings of Egypt's fifteenth dynasty, ruling from Avaris in the Nile Delta, were known by what term, meaning "rulers of foreign lands?"
A: **hyksos** (accept: hekau khasut)
31. What name was shared by four pharaohs of the Eighteenth Dynasty, during which Egypt reached its greatest size?
A: **Thutmoses**
32. What pharaoh is buried in Egypt's largest pyramid?
A: **Cheops** (accept: Khufu)
33. What "lord of the red land" murdered and mutilated his brother Osiris and contended with his nephew Horus to succeed him?
A: **Set** (accept: Seth)

Double Jumps

34. Who wrote *The Gutenberg Galaxy* and coined the phrase "the medium is the message"?
A: Marshall **McLuhan**
35. What two-word term was coined by McLuhan to refer to a world in which humans are increasingly interconnected by television and mass media?
A: **global village**
36. The Angry Cheeseburger and the Whopper are made by what fast food chain?
A: **Burger King** (prompt on: BK)
37. What single word describes Burger King burgers with onion rings layered on top of the patty?
A: **roadhouse**

Set of 4: Culture of the Weimar ["VYE-mar"] Republic

38. What architectural movement originated in Weimar Germany under the leadership of Walter Gropius?
A: **Bauhaus**
39. Who collaborated with Kurt Weill ["vile"] on *The Threepenny Opera*?
A: Bertolt **Brecht**
40. What expressionist filmmaker created films such as *Die Nibelungen*, *M*, and *Metropolis*?
A: Fritz **Lang**
41. "If You Could See Her" and "Tomorrow Belongs to Me" are numbers in what musical set against the rise of the Nazi Party in Weimar Berlin?
A: **Cabaret**

Set of 4: Doom

42. Created by the Bulletin of Atomic Scientists, what metaphorical device represents the risk of a human-made global catastrophe?
A: **Doomsday Clock**

43. What genre was revolutionized by the 1993 game *Doom*?
A: **first-person shooters** (accept: **FPS**) (prompt on: **shooters**)
44. Negative Man, Elasti-girl, and Robotman are members of what superhero team?
A: The **Doom Patrol**
45. What neologism refers to reading excessive amounts of negative news on social media?
A: **doomscrolling** (accept: **doomsurfing**)

5-Part Blitz

46. What kind of locations are central to the crimes that the main characters try to commit in films like *Set It Off*, *The Town*, and *Dog Day Afternoon*?
A: **bank**
47. Name any one of the three kinds of items that the company Bic is most famous for producing.
A: **pens** OR cigarette **lighters** OR **razors**
48. What is the largest company in Japan?
A: **Toyota** Motor Corporation
49. What Canadian university is connected to the Perimeter Institute for Theoretical Physics, and is also the academic home of Donna Strickland, who won the 2018 Nobel Prize in Physics?
A: University of **Waterloo** (accept: **UW**)
50. Firemen such as Captain Beatty and Guy Montag are central characters in what dystopian novel by Ray Bradbury?
A: **Fahrenheit-451**

END OF FIRST HALF

THIRD QUARTER

Splits: National Borders & Mathematical Objects

National Borders

51. What two countries are mostly demarcated by the Durand Line? Travellers often cross the Khyber Pass on trips between these countries.
A: **Afghanistan** AND **Pakistan**
52. Most of the world's longest land border runs along what parallel of latitude?
A: **49th** parallel **north** (prompt on: **49th** parallel)
53. Russia and what other country have the second-longest land border in the world?
A: **Kazakhstan**
54. According to the original lyrics of its national anthem, what country claims the Memel River as its eastern border, though in modern times its eastern border lies on the Oder-Neisse line?
A: **Germany**

Mathematical Objects

55. Closure under addition, and closure under multiplication by any element of the ring, are the two conditions that define what special subsets of a ring?
A: two-sided **ideal**
56. What mathematical object has exactly one output for each element of its domain?
A: **function**

57. Indicated with round brackets, what kind of interval does not contain its endpoints?
A: **open** interval
58. What is the three-dimensional analogue of the polygon?
A: **polyhedron** (accept: **polyhedra**)

Double Jumps

59. On what lake are the cities of Hay River and Yellowknife?
A: **Great Slave** Lake
60. The Slave River drains into Great Slave Lake from what other lake, whose settlements include Fort Chipewyan and Uranium City?
A: Lake **Athabasca**
61. What group of animals is characterized by feathery antennae and dull-coloured wings, and consists of all members of Lepidoptera that are not butterflies?
A: **moths**
62. What species of moth is often used as an example of natural selection, because of how its dark-coloured population rose dramatically during the Industrial Revolution as trees were blackened with soot?
A: **peppered** moth

Set of 3: The Protestant Reformation

63. What two leaders agreed on 14 of 15 doctrinal points at the Marburg Colloquy, but remained divided over the Eucharist?
A: Martin **Luther** AND Huldrych **Zwingli**
64. What word referred to supporters of John Calvin during the French Wars of Religion?
A: **Huguenots**
65. What English reformer translated the New Testament and part of the Old Testament into vernacular English before being burnt at the stake?
A: William **Tyndale**

Set of 5: Flowers in Poetry

66. William Wordsworth's "I Wandered Lonely as a Cloud" is alternatively titled for what flowers?
A: **daffodils**
67. Robbie Burns compared his love to what kind of flower "that's newly sprung in June"?
A: a red, red **rose**
68. In what empire were many poetic "flower songs" written in the 15th and 16th centuries?
A: **Aztec** Empire
69. Who included a "Spleen and Ideal" section in his collection *The Flowers of Evil*?
A: Charles **Baudelaire**
70. What American author wrote "Rose is a rose is a rose is a rose" in her 1913 poem "Sacred Emily"?
A: Gertrude **Stein**

5-Part Blitz

71. What is the latest edition of the *Final Fantasy* series, released in June?
A: *Final Fantasy* **XVI**
72. What is the smallest kind of blood vessel in the human body?
A: **capillary**

73. Who is Popeye the Sailor's girlfriend?
A: **Olive** Oyl (prompt on: Oyl)
74. Most of the year 2011 corresponds to which animal of the Chinese zodiac?
A: **rabbit**
75. Incheon and Busan are cities in what country?
A: **South Korea** (accept: **Republic of Korea, ROK**)

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: What word gives the nickname of a fraudulent "letter" that claimed to reveal 1972 presidential candidate Edmund Muskie's prejudices against a certain demographic?
77. Part 2: This is the name, not the city, of a sports team that used "Towel Power" in making a run to the finals in 1982 while coached by Roger Neilson.
78. Part 3: This was the surname of a cartoon character from the 19th century who represented Canada, often contrasted with Uncle Sam and John Bull.
79. Part 4: This word is a nickname for Canadians and the name of Vancouver's NHL team.
A: **Canucks**

Streak

80. Name up to all four movies for which Saoirse ["SURR-shuh"] Ronan has been nominated for an Academy Award.
A: **Lady Bird**
A: **Little Women**
A: **Brooklyn**
A: **Atonement**

Set of 4: Generations

82. What name is given to the Afro-Caribbean population that immigrated in large waves to the United Kingdom beginning in the 1950s?
A: **Windrush** generation
83. Which generation came before the Baby Boomers and after the Greatest Generation?
A: **Silent** Generation
84. What is the better-known name of Generation Y?
A: **Millennials** (accept: **Millennial** Generation)
85. Dr. Beverly Crusher, the android Data ["DAY-ta"], and Captain Jean-Luc Picard work aboard the Starship Enterprise in what sequel TV series?
A: *Star Trek: **The Next Generation*** (accept: **TNG**)

Set of 3: Chemistry of Solutions

86. When two substances can dissolve each other at any concentration, they are said to be what?
A: **miscible**
87. What equation is used to estimate the Gibbs free energy of the solvation of ions?
A: **Born** equation

88. What type of solution can donate hydrogen ions to other substances?

A: **acidic** solution (accept: **acids**)

12-Part Blitz

89. Phenotypes based on differences outside of DNA sequence, such as DNA methylation and chromosome conformation, are studied in what branch of molecular genetics?

A: **epigenetics**

90. What late rapper sampled the BMW i8 seatbelt chime on his track "SAD!"?

A: **XXXTentacion** (accept: Jahseh **Onfroy**) (prompt on: X)

91. 480 sheets of paper make up what unit of quantity?

A: short **ream**

92. What type of ecological succession occurs after an existing ecosystem has been disturbed or removed, such as after a wildfire?

A: **secondary** succession

93. What is the home country of Rubik Erno, the inventor of the Rubik's cube?

A: **Hungary**

94. What country is located immediately south of Angola?

A: **Namibia**

95. What Australian writer penned the 2005 novel *The Book Thief*?

A: Markus **Zusak**

96. Containing odontoblast cells, which part of a tooth is removed during a root canal?

A: **pulp**

97. Which American state's motto is "Live Free or Die"?

A: **New Hampshire**

98. The Sea of Azov is part of what larger sea?

A: **Black** Sea

99. Along with three Hamas leaders, what two Israeli politicians were recently indicted on war crimes charges by the International Criminal Court?

A: Benjamin/Bibi **Netanyahu** AND Yoav **Gallant**

100. What band used a beige picture of the Marina City towers in Chicago for the cover of their album *Yankee Hotel Foxtrot*?

A: **Wilco**

END OF GAME