



2023 Summer Open (T3) – Pack 2

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PACK 2

FIRST QUARTER

4-Part Blitz

1. *No Longer at Ease* is the sequel to what magnum opus of Chinua Achebe ["ah-CHE-bay"]?

A: ***Things Fall Apart***

2. As stated in the title of his autobiography, how many years did Solomon Northup spend as a slave?

A: **12** years

3. What medical procedure involves removing infected pulp from its namesake cavity of the tooth?

A: **root canal** treatment/procedure/therapy

4. SZA ["SIZZ-uh"] muses about murdering her ex and his new girlfriend in what song that shares its title with a Quentin Tarantino movie?

A: **"Kill Bill"**

Jackpot

5.

Part 1: What team's general manager Sam Pollock often traded veterans for draft picks, and almost managed to acquire the first two picks in the 1971 draft?

Part 2: A player from this team controversially won an MVP award on a tiebreaker in 2002 after a hometown voter left the second-place finisher off their ballot. This is the only Big Four sports team with a mascot that was previously used in another league.

Part 3: After one of this team's best players hit a referee and was suspended for the rest of the season and playoffs, their fans started a massive riot.

Part 4: Although they have not won it since 1993, this team has the most Stanley Cups in NHL history.

A: Montreal **Canadiens** (prompt on: Montreal, the Habs)

Set of 4

9. What term refers to flora and fauna that become overpopulated after being introduced to new environments?

A: **invasive** species (accept: **alien** species)

10. A 1988 documentary subtitled “An Unnatural History” brought attention to what large amphibian that has been introduced to the state of Queensland in Australia?

A: **cane toad** (accept: **marine toad**, **giant neotropical toad**) (prompt on: **toad**)

11. What group of perennial deciduous vines native to East Asia have disrupted ecosystems in the United States by smothering native trees by competing for sunlight?

A: **kudzu** (accept: Chinese/Japanese **arrowroot**)

12. Native to the lakes of southern Russia and Ukraine, name either species of mollusc whose monotypic colonization has disrupted the ecosystem of the Great Lakes.

A: **zebra mussel** OR **quagga mussel** (prompt on: **mussel**)

Set of 4: British Actors

13. Who portrayed the title character in Matt Reeves' 2022 film *The Batman*?

A: Robert **Pattinson**

14. What actor starred in Paul Thomas Anderson's *Phantom Thread* and *There Will Be Blood*?

A: Daniel **Day-Lewis**

15. What British actor founded the motion capture studio The Imaginarium, but is best known for portraying Gollum in the Lord of the Rings movies?

A: Andy **Serkis**

16. Who portrayed Gurney Halleck in the 1984 *Dune* movie and Professor X in several *X-Men* movies?

A: Patrick **Stewart**

Double Jumps

17. A pH above 7 characterizes what kind of solution?

A: **base** (accept: **basic**, **alkaline**)

18. Ralph Pearson classified acids and bases using what pair of antonyms, based on characteristics such as polarizability and size?

A: **hard** AND **soft**

19. By winning both portions of the 2022 World Rapid and Blitz Chess Championship, who became world champion in all three formats for the second time in his career?

A: Magnus **Carlsen**

20. Name both players who played a match for the classical world championship in April 2023, after Carlsen declined to defend his title.

A: Ian **Nepomniachtchi** [“ne-POM-nya-shee”] (prompt on: **Nepo**) AND **Ding** Liren

Set of 5

21. Created when a pidgin stabilizes and undergoes nativization, what term refers to a language that develops from the simplification and mixing of existing languages?

A: **creole** language

22. What word refers in general to any nonstandard language, such as pidgins and creoles, but is also used specifically to refer to the creole spoken throughout Jamaica?

A: **patois**

23. What is the only sovereign nation in the Caribbean to have a creole as an official language?

A: **Haiti**

24. What creole, primarily based on Portuguese and Spanish but with Dutch influence, is the most widely spoken language on the Caribbean ABC islands?

A: **Papiamentu**

25. What country runs the Speak Good English movement, designed to discourage the use of a creole language that includes English, Tamil, Cantonese, and Malay influences?

A: **Singapore**

SECOND QUARTER

Splits: Non-European Royalty & Mathematicians

Non-European Royalty

26. What country, currently ruled by Mswati [“mm-SWAH-tee”] III, has its legislative capital at Lobamba and its executive capital at Mbabane [“mm-BAH-bah-nay”]?

A: Kingdom of **Eswatini** (accept: **Swaziland**)

27. The Reiwa era began after the ascension of what monarch, whose father Akihito resigned in 2019?

A: **Naruhito**

28. A member of what royal house has been linked to the assassination of Jamal Khashoggi, and is known by his initials MBS?

A: House of **Saud** (accept: Al **Saud**)

29. Dusit Palace is the residence for the monarchs of what country, including the current king Rama the Tenth?

A: Kingdom of **Thailand**

Mathematicians

30. Who gives his name to the characteristic that is equal to 2 for any convex polyhedron, as well as the constant equal to roughly 2.718?

A: Leonard **Euler** ["OY-ler"]

31. Name either of the 20th-century mathematicians who each proved one direction of the statement that the Continuum Hypothesis is independent from the ZFC axioms.

A: Kurt **Goedel** OR Paul **Cohen**

32. Who gives his name to the theorem that explains the relationship between the side lengths of right triangles?

A: **Pythagoras**

33. Who worked with Ben Green to prove that the prime numbers contain arbitrarily long arithmetic progressions, and is often considered the greatest working mathematician?

A: Terence **Tao**

Set of 3: Word Puzzles

34. What letter must be added to the title of the Taylor Swift album that contains the song "22" to get a word meaning a tall, grass-like plant that grows in rivers and swamps?

A: **E** (*Red* to reed)

35. What letter must be added to a word meaning to marry to get a word meaning to join pieces of metal by melting?

A: **L** (wed to weld)

36. What letter must be added to the French word for "word" to get a word meaning the greatest amount?

A: **S** (mot to most)

Set of 4: Funerals

37. What word refers to a speech praising the deceased given at a funeral?

A: **eulogy**

38. A mixture consisting primarily of methanol, glutaraldehyde ["GLUE-tuh-RALL-de-hide"], and formaldehyde is used for what process of corpse preservation?

A: **embalming**

39. What style of music nicknames a type of funeral with a procession that begins sombre and ends upbeat, popular in New Orleans?

A: **jazz**

40. What term is given to people who carry the coffin at funerals?

A: **pallbearers**

Double Jumps

41. 317 examples of what type of poem were compiled in *Il Canzoniere* by Petrarch?

A: Petrarchan **Sonnet**

42. The first eight lines of Shakespearean sonnets follow the rhyme scheme ABAB CDCD. What rhyme scheme do the first eight lines of Petrarchan sonnets typically follow?

A: **ABBA ABBA**

43. The company Autodesk develops what computer-aided design software?

A: **AutoCAD**

44. What proprietary three-letter file format does AutoCAD use to save drawings?

A: **.dwg**

6-Part Blitz

45. Matthew Flinders is most famous for circumnavigating what landmass?

A: **Australia**

46. Who died after etiquette prevented him from getting up to relieve himself during a banquet, causing fatal bladder problems? After losing part of his nose in a duel, he wore a brass nose for most of his life.

A: Tycho **Brahe**

47. Who was the surprise winner of an anonymous design competition for Washington DC's Vietnam Veterans Memorial?

A: Maya **Lin**

48. What four-letter word refers to an insulated tent used by nomadic peoples in Central Asia and Mongolia?

A: **yurt**

49. The Philippines were named for a king of what country?

A: **Spain**

50. What portable gaming device was released by Valve in 2022?

A: **Steam Deck**

THIRD QUARTER

Splits: Anime & Vikings

Anime

51. In what anime do characters like Joey Wheeler play the card game Duel Monsters?

A: **Yu-Gi-Oh!**

52. Deku is the protagonist of what anime where the students of UA High School have powers known as Quirks?

A: **My Hero Academia** (accept: **Boku no Hero Academia**)

53. What character, created by Dr. Tenma, is an android superhero who also serves as the doctor's surrogate son?

A: **Astro Boy**

54. Usagi Tsukino, also known as Serena, appears in what series named after her superhero identity?

A: *Pretty Soldier* **Sailor Moon** (accept: *Pretty Guardian* **Sailor Moon**)

Vikings

55. The first Norse settlement of Greenland was led by what Viking explorer?

A: **Erik the Red** (accept: Erik **Thorvaldsson**) (prompt on: Erik)

56. What "V"-word describes the Viking settlers who are thought to be the progenitors of the Rus ["rooss"], and thus the cultural ancestors of modern-day Russians and Ukrainians?

A: **Varangians**

57. What name was given to Newfoundland by the Vikings?

A: **Vinland**

58. Within 50 years, when did the attack on the abbey of Lindisfarne take place, marking the beginning of Viking raids on England?

A: **793** (accept answers from **743** to **843**, inclusive)

Set of 3: Cargo Airlines

59. FedEx Express, the world's largest cargo airline by fleet size, is based in what city on the Mississippi River?

A: **Memphis**

60. Located at Louisville International Airport, the Worldport is the global air hub for what major competitor to FedEx?

A: **UPS** (accept: **United Parcel Service**)

61. In January 2023, cargo airline Atlas Air received the final delivery of what iconic jumbo jet that is now used more often for carrying freight than passengers?

A: Boeing **747** (accept: **B747**)

Jailbreak

62. Brick rails against his wealthy family's mendacity in what Tennessee Williams play?

A: ***Cat on a Hot Tin Roof***

63. On a traditional colour wheel, blue is considered the complement of what other colour?

A: **orange**

64. What is the name of the League of Legends mobile game released in 2020?

A: *League of Legends: **Wild Rift***

65. What singer married Hailey Baldwin in 2018?

A: Justin **Bieber**

66. Hydrogen peroxide has what chemical formula?

A: **H2O2** (accept: **HOOH**)

67. At 414 metres below sea level, what body of water marks the lowest point on the Earth's surface?

A: **Dead Sea**

68. What anagram of "nectar" means a state of hypnosis?

A: **trance**

69. What two countries divided the New World between themselves in the Treaty of Tordesillas?

A: **Spain** AND **Portugal**

70. What opera, which was criticized by the Pravda article "Muddle Instead of Music", was based on a Nikolai Leskov novella?

A: ***Lady Macbeth of Mtsensk***
(accept: ***Lady Macbeth of the Mtsensk District***)

71. What two-word term refers to the boundary beyond which light cannot escape from a black hole?

A: **event horizon**

72. What is the currency of Venezuela?

A: **Bolivar**

73. Who wrote the novella "Anthem" and the novels *The Fountainhead* and *Atlas Shrugged*?

A: Ayn **Rand**

74. What vegetable comes in varieties such as San Marzano, roma, and beefsteak?

A: **tomato**

75. The world's largest tropical wetland area, the Pantanal, is mostly found in what country?

A: **Brazil**

FOURTH QUARTER

Jackpot

76.

Part 1: In the song "Glory Box" by Portishead, the singer repeatedly sings "give me a reason to love you" and "give me a reason to be" what?

Part 2: Aretha Franklin and Carole King both recorded versions of a song that claims "you make me feel like a natural" one of these people.

Part 3: A 1971 song by Helen Reddy famously claims "I am (this), hear me roar".

Part 4: The best thing about being one of these people is the prerogative to have a little fun, according to a Shania Twain song titled "Man! I Feel Like" one of these people.

A: a **woman** (accept: **women**)

Streaks

80. Name up to all seven of the modern day countries that were part of Yugoslavia.

A: **Bosnia** and Herzegovina

Croatia

Kosovo

Montenegro

North Macedonia

Serbia

Slovenia

83. Name up to all of the phase changes that involve solids.

A: **freezing**

melting (accept: **fusion**)

sublimation

deposition (accept: **desublimation**)

85. Give either the English or French titles of up to all three of the *d'Artagnan Romances*, which feature Athos, Porthos, and Aramis, written by Alexandre Dumas.

- A: *The **Three Musketeers*** (accept: *Les **trois mousquetaires***),
Twenty Years After (accept: ***Vingt ans après***),
*The **Vicomte of Bragelonne: Ten Years Later***
(accept: *Le **Vicomte de Bragelonne** ou Dix ans plus tard*)

14-Part Blitz

87. What six-letter "R"-word can describe coarse or vulgar humour?

A: **ribald**

88. Three riddles are answered with "hope", "blood", and the title character, in what opera by Giacomo Puccini?

A: **Turandot**

89. In a video she released titled "Being Not Straight", what American YouTuber and animator came out as aromantic and asexual?

A: **Jaiden Animations** (accept: Jaiden **Dittfach**)

90. What aunt of Thutmose III was excluded from the historical record by her successors as pharaoh?

A: **Hatshepsut**

91. What field of physics deals with the motion of projectiles?

A: **ballistics**

92. In what town was Jesus born?

A: **Bethlehem**

93. Heat Wave and Captain Cold are enemies of what superhero, whose evil counterpart is Professor Zoom?

A: The **Flash**

94. A decorative set of what items constitutes the main difference between a single breasted suit and a double breasted suit?

A: **buttons**

95. What is the name of the Persian New Year festival?

A: **Nowruz**

96. Just prior to the release of the *Growing Together* expansion pack, what game added infants as a new life stage?

A: *The **Sims 4*** (reject partial answers)

97. Which Chinese dynasty forced men to wear their hair in Manchu queues?

A: **Qing** dynasty (accept: Great **Qing**)

98. Pierre-Simon Laplace, James Clerk Maxwell, and Rene Descartes all created thought experiments involving what kind of creature?

A: **demon**

99. What is the second-largest island in the world?

A: **New Guinea**

100. Some people have a gene that causes what common herb to have a soapy taste?

A: **coriander** (accept: **cilantro**)