



2023 Summer Open (T3) – Pack 5

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PACK 5

FIRST QUARTER

4-Part Blitz

1. Who was the most famous patient of speech therapist Lionel Logue? Seeking treatment for a stammer, he was a member of the British Royal Family.

A: King **George VI** (accept: Prince **Albert**) (prompt on: King **George**)

2. The singer rhetorically asks "can I make it any more obvious?" when describing the attraction between a punk and a ballet dancer in what 2002 Avril Lavigne song?

A: "**Sk8er Boi**"

3. What composition is used as a setting for songs like "What Child is This" and was apocryphally written by Henry VIII?

A: "**Greensleeves**"

4. What bodily function is feared by emetophobes and can be induced by ipecac?

A: **vomiting** (accept clear equivalents)

Jackpot

5.

Part 1: Who began inducing hallucinations after realizing they sparked a process of active imagination, which they recorded in their black book?

Part 2: This person used the term "senex" to refer to "wise old men," a character they thought could emerge following a long struggle with the animus problem.

Part 3: This person described the part of the mind dominated by instinct as the "collective unconscious".

Part 4: The "caregiver" and the "innocent" are some of the archetypes created to describe personalities by this Swiss psychologist and longtime collaborator of Sigmund Freud.

A: Carl **Jung**

Set of 4: Astronomy

9. Thought to make up most of the matter in the universe, what kind of matter gets its name because it does not interact with electromagnetic radiation, including light?

A: **dark** matter

10. With a diameter larger than Earth, what storm has been spinning since at least the 1600s in Jupiter's atmosphere?

A: **Great Red Spot**

11. What colour is found in the name of so-called "failed stars", not massive enough to sustain the fusion of hydrogen?

A: **brown**

12. What kind of very active galactic nucleus releases huge amounts of energy caused by the heating of gases as they fall into a black hole?

A: **quasar** (accept: **quasi-stellar object, QSO**)

Set of 4: Artists Painting Themselves

13. A mustache and unibrow are characteristic features of what artist's self-portraits?

A: Frida **Kahlo**

14. Who depicted himself working at a canvas behind the Infanta Margaret Theresa and her attendants in *Las Meninas*?

A: Diego **Velasquez**

15. *Portrait of a Man in a Turban*, sometimes considered one of the first Western self-portraits, was made by what Dutch artist?

A: Jan **van Eyck**

16. Members of what American arts company shave their heads and paint their bodies before all of their performances?

A: **Blue Man Group**

Double Jumps

17. Who hit a record-setting 62 home runs in 2022 en route to winning the American League MVP Award?

A: Aaron **Judge**

18. 61 years earlier, in 1961, what other Yankees right fielder set the previous record by hitting 61 home runs?

A: Roger **Maris**

19. Depending on the context, what English verb can be translated to French as either "connaître" ["con-NET-ruh"] or "savoir"?

A: to **know** (accept word forms)

20. Spell the singular imperative form of the verb "savoir". It is the same spelling as the conjugation of the first person singular present subjunctive.

A: **S-A-C-H-E**

Set of 5: Dictators

21. After ousting President Prío Socarrás in a 1952 coup, what dictator was removed from power in 1959 during the Cuban Revolution?

A: Fulgencio **Batista**

22. Who is the President of Panem in the *Hunger Games* books?

A: **Coriolanus Snow** (accept either underlined part)

23. What dictator declared "Year Zero", exterminated "New People" and ordered all citizens to wear black clothing?

A: **Pol Pot** (accept: **Saloth Sar**) (prompt on: Sar)

24. Who played Adenoid Hynkel in a 1940 satire of Adolf Hitler?

A: Charlie **Chaplin**

25. What character serves as the Resident World Controller of Western Europe in Aldous Huxley's *Brave New World*?

A: **Mustapha Mond** (accept either underlined part)

SECOND QUARTER

Splits: Australian Geography & Energy

Australian Geography

26. Named after a Polish military leader, what is the tallest mountain in Australia?

A: Mount **Kosciuszko** ["KOZ-ee-OS-koh"]

27. Most of the border between Victoria and New South Wales is formed by what longest river of Australia?

A: **Murray** River

28. Also known by its Aboriginal name, Kati Thanda, what is the largest lake in Australia?

A: Lake **Eyre**

29. What large, open bay lies directly to the south of the Nullarbor Plain?

A: **Great Australian Bight**

Energy

30. A 5-kilogram rock currently falling at 4 metres per second has how much kinetic energy, in joules?

A: **40** joules

31. In Newtonian mechanics, what term is given to the sum of an object's kinetic and potential energy?

A: total **mechanical** energy

32. The decay of radioactive isotopes inside the Earth provides what energy source?

A: **geothermal** energy

33. 1.6×10^{-19} joules is an amount of energy equal to what other unit?

A: **electronvolt**

Set of 3: Canadian Highways

34. What name is given to the section of Highway 401 between Trenton and Toronto, so called because it hosts funeral convoys for deceased Armed Forces members?

A: **Highway of Heroes**

35. The northwestern branch of the Trans-Canada Highway is commonly known by what name, after the mountain pass it follows through the Rockies?

A: **Yellowhead** Highway

36. In which province would you find the Sea-to-Sky Highway?

A: **British Columbia** (accept: **BC**)

Set of 4: The House of Stuart

37. What second Stuart monarch of England was executed for high treason during the English Civil War?

A: **Charles I** (prompt on: Charles)

38. In 1603, who became the first Stuart monarch to rule over both England and Scotland?

A: **James VI** of Scotland (accept: **James I** of England) (prompt on: James)

39. What Catholic Stuart monarch was deposed in the Glorious Revolution?

A: **James II** (prompt on: James)

40. What first name is shared by the Stuart monarch who co-ruled with William III, and an earlier Scottish Stuart monarch with the nickname "Queen of Scots"?

A: **Mary**

Double Jumps

41. What Spanish-language term is given to the military campaigns waged by Christian rulers to capture Iberia from various Muslim kingdoms?

A: **Reconquista**

42. The kings of Navarre and Aragon united with Alfonso VIII of Castille to defeat the Almohad Caliph at what 1212 battle that marked a turning point in the Reconquista?

A: Battle of Las **Navas de Tolosa** (accept: Battle of **Al-Uqab**)

43. What hip hop group includes members such as Ghostface Killah and GZA ["JIZ-uh"], and often draws inspiration from kung fu movies?

A: **Wu-Tang Clan**

44. What former hedge fund manager purchased the sole copy of the Wu-Tang Clan album *Once Upon a Time in Shaolin*?

A: Martin **Shkreli**

6-Part Blitz

45. Co-developed by Killoo and SYBO ["SYE-boh"] Games, in what endless runner game do players take control of a graffiti artist running from an inspector?

A: **Subway Surfers**

46. What is the name of the groove between the base of the nose and the upper lip?

A: **philtrum** (accept: **medial cleft**)

47. The mouth organ is another name for what musical instrument?

A: **harmonica**

48. Name both of the hosts of the majority of *Buzzfeed Unsolved*.

A: **Ryan Bergara** (accept either underlined part)

AND **Shane Madej** ["muh-DAY"] (accept either underlined part)

49. What animated show, renewed for a shortened third season in 2022, is the first Disney production to have a same-sex couple among its main characters?

A: *The **Owl House***

50. Sebastian Ingrosso, Steve Angello, and Axwell form what EDM trio, best known for "Don't You Worry Child"?

A: **Swedish House Mafia**

THIRD QUARTER

Splits: Enemies of Rome & Buddhism

Enemies of Rome

51. What general defeated the Romans at the battle of Cannae after earlier leading an army including war elephants across the Alps?

A: **Hannibal** Barca (prompt on: Barca)

52. What chieftain won the battle of Gergovia, but later lost the battle of Alesia and was executed during the triumph of Julius Caesar?

A: **Vercingetorix**

53. Arminius betrayed and defeated three Roman legions at what battle, which effectively halted Rome's advance into Germania?

A: Battle of **Teutoburg** Forest (accept: the **Varian** Disaster)

54. Rome fought against what kingdom from 112 to 106 BC, which was led by Jugurtha and located in modern day Algeria?

A: Kingdom of **Numidia**

Buddhism

55. The phrase "One Vehicle, Many Skillful Means" is central to what Buddhist Sutra, named for a flower?

A: **Lotus Sutra**

56. In Buddhism, what Sanskrit word means the suffering-filled cycle of death and rebirth which can be escaped through achieving nirvana?

A: **samsara**

57. What school of Mahayana Buddhism aims at achieving rebirth in a namesake realm, such as Sukhavati?

A: **Pure Land** Buddhism (accept: **Amidism**)

58. An endless knot symbolizes what driving force of the cycle of samsara that refers to deeds and their consequences?

A: **karma**

Set of 3: Genericized Trademarks

Each of the following answers will be the proper name of a company or product.

59. What eponym is an alternate name for the device known as a hex key?

A: **Allen key** (accept: **Allen wrench**)

60. What company's name has also become a verb meaning "to photocopy"?

A: **Xerox**

61. The name of what product is used as a general term for adrenaline injectors meant to treat allergic reactions?

A: **Epi-Pen**

Jailbreak

62. Players begin as one of the twins Lumine and Aether, but gradually unlock new playable characters as they progress in what anime-style gacha game?

A: **Genshin Impact**

63. What post-apocalyptic novel in which an unnamed father tells his son that they are "carrying the fire" was written by Cormac McCarthy?

A: *The **Road***

64. What term can refer to a form of mathematically-defined computer graphics, a biological agent carrying a pathogen, or a quantity that has both magnitude and direction?

A: **vector**

65. What is the Japanese word for octopus?

A: **tako**

66. As the result of mismanaged duration risk and actions from Peter Thiel's Founders Fund, what California-based bank ran out of liquidity and collapsed in March 2023?

A: **Silicon Valley** Bank (accept: **SVB**)

67. How many pins are still standing if a bowler bowls a 7-10 split?

A: **2**

68. Written during the Philippine-American War, what poem by Rudyard Kipling urges Americans to bring civilization to non-Western races?

A: "The **White Man's Burden**"

69. In *Dungeons and Dragons*, what term refers to a roll in which you need to take the lower of the two numbers you roll?

A: rolling with **disadvantage** (accept: **disadvantaged** roll)

70. What is the more common trade name of procaine, an anesthetic often used in dental procedures?

A: **novocaine**

71. Coined by Richard Dawkins in the book *The Selfish Gene*, what term refers to an idea or behaviour that spreads via imitation, or alternatively to an internet joke?

A: **memes**

72. What is the common name for 431 Air Demonstration Squadron, the aerobatic show team of the Canadian Armed Forces?

A: **Snowbirds**

73. In which month is National Indigenous Peoples Day observed in Canada?

A: **June**

74. What two species must breed to produce a mule?

A: **donkey** AND **horse**

75. What loanword from German refers to an unrelated person who looks very similar to someone?

A: **doppelganger**

FOURTH QUARTER

Jackpot

76.

Part 1: What objects appear in the title of a 1964 musical directed by Jacques Demy in which every line is sung?

Part 2: A yellow version of this object plays a key role in the romance between Tracy and Ted Mosby ["MOZE-bee"] in *How I Met Your Mother*.

Part 3: Diego, Klaus, and Viktor Hargreeves are members of an organization named for this object in a Netflix series.

Part 4: The lyrics "When the sun shine, we shine together / told you I'll be here forever" open the chorus of a 2007 song by Rihanna named for this object.

A: **umbrella**

Streaks

80. Name up to all of the years of the twentieth century in which the Olympic Games were cancelled.

A: **1916**

1940

1944

81. Not including nihonium, name up to all five elements found in Group 13, which begins with element number 5.

A: **boron** (accept: **B**)
aluminum (accept: **Al**, **aluminium**)
gallium (accept: **Ga**)
indium (accept: **In**)
thallium (accept: **Tl**)

Set of 3: Audience Participation

84. Supposedly extending below the Proscenium arch, what metaphorical barrier is “broken” when performers address the audience directly?

A: the **fourth wall**

85. Audiences often throw footballs to each other and plastic spoons at the screen during screenings of what famously bad Tommy Wiseau movie?

A: *The **Room***

86. What does the audience traditionally do during performances of the Hallelujah Chorus from Handel’s *Messiah*, supposedly following what King George II did during the premiere?

A: **stand** up (accept clear equivalents)

14-Part Blitz

87. The Tennessee Valley Authority and the Works Progress Administration were among the many public agencies established as part of what economic program during the Great Depression?

A: **New Deal**

88. What kind of creatures do coleopterists study?

A: **beetles** (prompt on: **insects**, **bugs**)

89. What Canadian children’s series consists of fictional diaries written by girls living through important events in Canada’s history?

A: **Dear Canada**

90. The French word “berceuse” [“bare-SEUHZ”] refers to what kind of song?

A: **lullaby**

91. What kind of tea is named after a British prime minister?

A: **Earl Grey** tea

92. What term describes shapes that would be congruent if they were the same size?

A: **similar**

93. What “B”-word is another name for a hair clip?

A: **barrette**

94. What two-word term, a pun on a 1740 patriotic song's title, refers to a period in the 1990s of increased pride in the United Kingdom's culture?

A: **"Cool Britannia"**

95. For what soccer club does Kylian Mbappé play?

A: **Paris Saint-Germain** (accept: **PSG**)

96. What name is given to parallel layers of soil with distinct characteristics?

A: soil **horizons**

97. Who wrote an essay stating that "A woman must have money and a room of her own if she is to write fiction"?

A: Virginia **Woolf**

98. What province and territory share a land border on Killiniq Island?

A: **Newfoundland and Labrador** (reject: Newfoundland) AND **Nunavut**

99. Japan is divided into 47 jurisdictions known by what English term?

A: **prefectures**

100. Bellamy Blake and Clarke Griffin are characters on what post-apocalyptic TV show?

A: *The **100***