



2023-24 Junior Season Opener (T1) – Pack 1

Head Editor: *Paul Kasiński*

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

PACK 1

5-Part Blitz

1. Weeks before his 51st birthday, who won the PGA Championship in May 2021, becoming the oldest golfer ever to win a major?
A: Phil **Mickelson**
2. What leader was likely killed at the Battle of the Silarus river, bringing an end to the slave revolt he led against the Roman Republic?
A: **Spartacus**
3. Who is Ontario's minister of education?
A: Stephen **Lecce** ["LETCH-ay"]
4. What word comes before the phrase "you can meet with Triumph and Disaster/And treat those two impostors just the same" in a poem by Rudyard Kipling?
A: **if**
5. Squid, scallops, and snails belong to what phylum?
A: **mollusca** (accept: **molluscs**)

Double Jumps

6. What does the acronym CPU stand for?
A: **central processing unit**
7. What part of the CPU, also known by a three-letter acronym, is responsible for integer calculations?
A: **arithmetic logic unit** (accept: **ALU**)
8. Before the arrival of the Spanish in 1519, what empire was ruled from Tenochtitlan by Montezuma II?
A: **Aztec** Empire
9. The Aztec Empire was an alliance of three Nahua city-states, including Tenochtitlan. Name either of the other two.
A: **Tlacopan** OR **Texcoco** (accept: **Tetzcoco**)

Set of 4: Cult Films

10. What film, the feature directorial debut of Kevin Smith, shows a day in the life of Randal and Dante working at a video store and convenience store, respectively?
A: **Clerks**
11. What musical stars characters such as a criminologist, an ex-delivery boy, and a mad scientist from Transsexual, Transylvania?
A: *The **Rocky Horror Picture Show***
12. In what Jake Gyllenhaal film is the title character haunted by visions of an entity in a rabbit costume foretelling the end of the world?
A: **Donnie Darko**
13. What film inspired the "Dudeism" religious movement and follows a bowler who is mistaken for a millionaire?
A: *The **Big Lebowski***

Jackpot

14. Part 1: What was the first name of the architect behind the Farnsworth House, the Martin Luther King Jr. Memorial Library, and the New National Gallery in Berlin?
15. Part 2: A philosopher with this first name put forward seven top-level propositions in one text, including "Whereof one cannot speak, thereof one must be silent" and "The world is everything that is the case".
16. Part 3: A ruler with this name was known as the Swan King and was responsible for many ambitious architectural projects, including Linderhof Castle and Neuschwanstein Castle in Bavaria.
17. Part 4: *Fur Elise* and the *Ode to Joy* were written by a composer with this first name.
A: **Ludwig**

Set of 3: Statistics

18. What kind of variable can only take on a finite or countably infinite number of values, contrasted with a continuous variable?
A: **discrete** variable
19. The standard deviations follow the 68-95-99.7 rule in what statistical distribution?
A: **normal** distribution (accept: **Gaussian** distribution) (prompt on: bell curve)
20. What term refers to the most commonly-occurring number in a data set?
A: **mode**

5-Part Blitz

21. With a name meaning "good sounding", what low brass instrument is similar to a baritone horn?
A: **euphonium**
22. Ray Kroc is credited with the success of what restaurant chain that features mascots like the Hamburglar and a clown named Ronald?
A: **McDonald's** Corporation
23. What tart, bright green variety of apple is named for an Australian grandmother?
A: **Granny Smith** apple
24. What iconic *Call of Duty* map is set in the slums of Rio de Janeiro?
A: **Favela**
25. Who describes herself as having "always depended on the kindness of strangers" in *A Streetcar Named Desire*?
A: **Blanche DuBois** (accept either bolded part)

END OF FIRST QUARTER

SECOND QUARTER

Splits: The Great Depression & the Arrowverse

The Great Depression

26. What multi-year climatic event contributed to the Depression through a massive drought and the destruction of topsoil across the Great Plains?
A: **Dust Bowl**
27. What photograph by Dorothea Lange shows Florence Owens Thompson and her children in California during the Dust Bowl?
A: **Migrant Mother**

28. Which American president was elected to the first of his four terms on the promise of a "New Deal" to help get the country through the Great Depression?
A: **Franklin** Delano **Roosevelt** (accept: **FDR**) (prompt on: Roosevelt)
29. The New Deal created what agency to provide jobs for unemployed people, often by building large public projects?
A: **Works Progress Administration** (accept: **Works Projects Administration, WPA**)

The Arrowverse

30. What American television network airs the shows in the Arrowverse?
A: The **CW** Network
31. In what city do Kate Kane and Ryan Wilder take on a new superhero identity after the disappearance of Bruce Wayne?
A: **Gotham** City
32. What superhero befriends Winn Schott and Lena Luthor while protecting National City with her adoptive sister Alex and sometimes helping her cousin, Clark Kent?
A: **Supergirl** (accept: Kara **Zor-El, Kara** Danvers) (prompt on: Danvers)
33. What December 2019 crossover between the Arrowverse shows resulted in the creation of Earth-Prime in a new multiverse?
A: **Crisis on Infinite Earths**

Double Jumps

34. In September 2023, what country's prime minister publicly alleged that the murder of its citizen Harjit Singh Najjar had been orchestrated by the Indian government?
A: **Canada**
35. While living in Canada, Harjit Singh Najjar advocated for the creation of a breakaway Sikh state with what name?
A: **Khalistan**
36. What is the fifth-largest island in the world and the largest in Canada, though it is home to only 13,000 people, about half of whom live in Iqaluit?
A: **Baffin** Island
37. What is the most populous island in Canada?
A: Island of **Montreal** (accept: Île de **Montreal**)

Set of 4: Waves

38. What kind of electromagnetic radiation has wavelengths shorter than visible light but longer than x-rays?
A: **ultraviolet** radiation (accept: **UV** rays)
39. What scientist names the equation for the wave function of a quantum system, such as an atom?
A: Erwin **Schrodinger**
40. What word refers to the lowest part of a wave, contrasted with the crest?
A: **trough** ["troff"]
41. What word refers to the property of light by which it is simultaneously made up of both particles and waves?
A: **duality**

Set of 4: Facial Hair

42. What kind of facial hair shares its name with a part of a bicycle?
A: **handlebar moustache** (prompt on: handlebar)
43. Adolf Hitler sported what kind of narrow, straight-combed moustache?
A: **toothbrush** moustache
44. What kind of facial hair consists of hair in a small spot above the chin and below the lower lip?
A: **soul patch**
45. What kind of facial hair, famously sported by Elvis, is named for a Union general?
A: **sideburns**

5-Part Blitz

46. What acronym refers to games where participants physically portray their characters in real-world environments?
A: **LARPing**
47. Born Melissa Jefferson, what rapper and singer released the single "About Damn Time" in 2022?
A: **Lizzo**
48. What industry is regulated through legislation such as MIFID 2, in Europe, or the Dodd-Frank Act, in America?
A: **financial** services (accept: **finance, banking**)
49. What archeological site is home to a group of soapstone eagles that also adorn the flag of the southern African country it is located in?
A: **Great Zimbabwe** (prompt on: Zimbabwe)
50. What word refers to the calm central area around which a hurricane rotates?
A: **eye**

END OF FIRST HALF

THIRD QUARTER

Splits: Grasslands and African Literature

Grasslands

51. Name any of the three countries that contain the Pampas.
A: **Argentina** OR **Uruguay** OR **Brazil**
52. About a third of India's population live on the plains around what river, the world's second-largest by discharge and Hinduism's holiest?
A: **Ganges**
53. Analogous to "Prairies" in Canada and "Great Plains" in the United States, what term is used to refer to the grasslands that stretch across Eurasia?
A: Great **Steppes** (accept: Eurasian **Steppes**)
54. What region, where huge migrations of leopards, zebras, and lions across the savannah take place annually, is partially protected by a namesake national park in Tanzania?
A: **Serengeti**

African Literature

55. Who wrote about Okonkwo and the Igbo people before and during British colonization in his novel *Things Fall Apart*?
A: Chinua **Achebe**

56. What language was called a “cultural bomb” in an essay by Ngugi wa Thiong'o, who swore off its use in an attempt to decolonize African literature?
A: **English**
57. What city is the setting of the novels *Sugar Street*, *Palace Walk*, and *Palace of Desire*, a trilogy by Naguib Mahfouz?
A: **Cairo**
58. In the town of Marengo, the protagonist Meursault senselessly shoots an Arab man on the beach in what novel by existentialist Franco-Algerian Albert Camus?
A: *The **Stranger*** (accept: *L'**Etranger***, *The **Outsider***)

Double Jumps

59. Aside from a narrow loss to his teammate and bitter rival Nico Rosberg in 2016, what British racing driver won every Formula One Driver Championship from 2014 to 2020?
A: Lewis **Hamilton**
60. On the back of an intense rivalry between its drivers Alain Prost and Ayrton Senna, what team dominated the 1988 and '89 Formula One seasons?
A: **McLaren** - Honda
61. What fruit did Andy Warhol draw for the album cover of *The Velvet Underground & Nico*?
A: **banana**
62. The lyrics “Here she comes, you better watch your step / She’s going to break your heart in two, it’s true” refer to the title character of what song on *The Velvet Underground & Nico*?
A: **“Femme Fatale”**

Set of 3: Simple Translations

63. What is the meaning of the German word “Geburtstag” and the French word “anniversaire”?
A: **birthday**
64. In what language does the word “jambo” mean “hello”?
A: **Swahili**
65. What is the English translation of the Russian word “mir” and the Arabic word “salam”?
A: **peace**

Set of 5: Islam

66. Because their leaders claimed to be rightful successors of Mohammed, what term refers to the three Islamic empires that arose following Mohammed’s death?
A: **Caliphate**
67. The figure Al-Khadir is associated with what colour, used to paint the dome covering Mohammed’s tomb and commonly associated with Islam?
A: **green**
68. What building, faced by the mihrab wall in a mosque, stands at the centre of the Masjid-al-Haram in Mecca and has a notably cubic shape?
A: **Kaaba**
69. Believing that Ali was the successor to Mohammed, what is Iran’s main branch of Islam, and the second-largest branch worldwide?
A: **Shia** (accept: **Shi’ite**)
70. Al-Baqara or “The Cow,” is an example of what sacred writings, which recount revelations that God told to Mohammed?
A: **Surahs**

5-Part Blitz

71. Kenneth J. Alford and John Philip Sousa are known primarily for composing what type of music?
A: military **marches**
72. How many periods are on the periodic table?
A: **seven**
73. From the late 18th century to the end of World War I, what modern-day country made up the core of the Qajar ["kah-JAR"] Empire?
A: **Iran**
74. Knave is an alternate name for what kind of card in a standard deck?
A: **Jacks**
75. When an NFL coach throws a red flag onto the field, what does it signify?
A: they are **challenging** the call (accept word forms)

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: What objects are found in the nickname of a hypothetical "Eve", the matrilineal most recent common ancestor of all living humans?
77. Part 2: These objects are believed to have originated by rickettsia endosymbiosis.
78. Part 3: These objects contain features known as cristae ["KRISS-tay"], folds along their inner membranes which expand their internal surface area.
79. Part 4: These organelles are responsible for generating most ATP and are known as the powerhouses of the cell.
A: **mitochondria** (accept: **mitochondrion**)

Streak

80. Identify up to every prime number from 80 to 99.
A: **83**
A: **89**
A: **97**

Streak

82. Name up to any five of South Africa's eleven official languages.
A: **English**
A: **Zulu**
A: **Xhosa** ["KO-ssa"]
A: **Afrikaans** (accept: **Cape Dutch**) (prompt on: Dutch)
A: **Sepedi** (accept: **Northern Sotho**)
A: **Tswana**
A: Southern **Sotho**
A: **Tsonga**
A: **Swati**

- A: **Venda**
A: **Ndebele**

Set of 5: Young Adult Media

84. What is the largest and most powerful vampire coven in the *Twilight* series?
A: **Volturi**
85. What faction of soldiers and police, associated with bravery, does Tris join in the book *Divergent*?
A: **Dauntless**
86. What young adult author hosted the World History series of *Crash Course*?
A: **John Green** (prompt on: Green)
87. What video game set in Arcadia Bay features characters like Max Caulfield and Chloe Price?
A: **Life is Strange**
88. What book's sequel *The Hawthorne Legacy* continues the story of heiress Avery Grambs?
A: **The Inheritance Games**

12-Part Blitz

89. Two parallel and overlapping p-orbitals form what kind of bond?
A: **pi** bond
90. What Holy Roman Emperor ruled Spain at the time of Hernan Cortes's and Francisco Pizarro's expeditions?
A: **Charles V** (accept: **Charles I** of Spain) (prompt on: Charles)
91. Musicians Ricky Martin, Daddy Yankee, and Bad Bunny are all from what US territory?
A: **Puerto Rico**
92. What name is given to the range of orbits around a star that can support liquid water, and therefore life?
A: **circumstellar habitable zone** (accept: **CHZ**, **goldilocks zone**)
93. In what card-drafting game do players try to build dishes such as nigiri, maki, and sashimi?
A: **Sushi Go** (accept: **Sushi Go Party**)
94. What song's lyrics declare "Yo no soy marinero, soy capitán, soy capitán, soy capitán"?
A: **"La Bamba"**
95. Insincere tears are often given what animalian name?
A: **crocodile** tears
96. What painter, who ended his life painting water lilies in Giverny, was responsible for *Impression, Sunrise*?
A: Claude **Monet** (reject: Manet)
97. To replace the Glagolitic script, what script was commissioned by Bulgarian tsar Simeon the Great in the 9th Century?
A: **Cyrillic**
98. What term refers to a baseball player who can bat from either side of the plate?
A: **switch-hitter**
99. "Lay Low", "10:35", and "The Business" are tracks by what Dutch DJ and EDM icon?
A: **Tiësto** (accept: Tijds Michiel **Verwest**)
100. Alaric I, who led the Sack of Rome in 410, was a king of what Germanic people?
A: **Visigoths** (prompt on: Goths)

END OF GAME