



2023-24 Junior Season Opener (T1) – Pack 7

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PACK 7

5-Part Blitz

1. Sam Altman is the CEO of what company that in 2022 released DALL-E and ChatGPT to the public?
A: **OpenAI**
2. Who allegedly threw differently-weighted balls off the Leaning Tower of Pisa to discover that all masses fall at the same speed?
A: **Galileo Galilei** (accept either bolded part)
3. What is the Earth's largest tectonic plate?
A: **Pacific** Plate
4. In a 2022 documentary, what former Olympic distance runner revealed that his birth name was Hussein Abdi Kahin and that he had been trafficked to the UK as a child?
A: Mohamed "Mo" **Farah**
5. What items does a milliner make?
A: **hats**

Double Jumps

6. Who wrote acclaimed novellas such as *Hadji Murad* and *The Death of Ivan Ilyich*, but is best remembered for his full-length novels *War and Peace* and *Anna Karenina*?
A: Leo **Tolstoy**
7. The burial of a peasant named Pahom in a six-foot-long grave answers the titular question of what short story by Leo Tolstoy?
A: "**How Much Land Does a Man Need?**"
8. The term "philatelist" refers to a collector of what objects?
A: postage **stamps**
9. Sandford Fleming designed what first Canadian postage stamp, introduced in 1851?
A: **Three-Penny Beaver** (accept: **Three-Pence Beaver**)

Set of 4: Southeast Asia

10. Rising in Tibet and flowing south into Laos, what long river passes through Phnom Penh before branching into a wide delta in southern Vietnam?
A: **Mekong** River
11. What European country colonized Vietnam, Laos, and Cambodia in the 19th century?
A: **France**
12. Most people in Burma, Thailand, Laos, and Cambodia follow what religion?
A: Theravada **Buddhism** (accept: **Buddhist**)
13. According to the IMF, what country has the world's highest per capita GDP at purchasing power parity?
A: **Singapore**

Jackpot

14. Part 1: Who implemented a system of upright wooden poles meant to deter parachutists, known as their namesake "asparagus"?
15. Part 2: This commander directed the construction and expansion of the Atlantic Wall.

16. Part 3: This man was forced to commit suicide in October 1944 following the revelation of his involvement in the July Plot.
17. Part 4: This field marshal led the Afrika Korps during World War II and was nicknamed the Desert Fox.
A: Erwin **Rommel**

Set of 3: Sports Curses

18. What curse was said to be responsible for the 86-year championship drought suffered by the Boston Red Sox?
A: Curse of the **Bambino**
19. The disappearance of Toronto Maple Leafs defenceman Bill Barilko and the championship drought that followed is the subject of what Tragically Hip song?
A: **"Fifty Mission Cap"**
20. Since Mario's win in 1969, no member of the Andretti family has been able to win what prestigious race?
A: **Indianapolis 500** (accept: **Indy 500**)

5-Part Blitz

21. How many bits are there in a byte?
A: **8**
22. What Romantic poet's works inspired the title of John Steinbeck's *Of Mice and Men* and include "Tam o'Shanter" and "Auld Lang Syne"?
A: Robert **Burns** (accept: Rabbie **Burns**)
23. What cosmetic product, also known as rouge, is used for colouring one's cheeks?
A: **blush**
24. When they graduate university, Canadians who studied what field are presented with an iron ring?
A: **engineering**
25. Name either of the abiotic pollination methods that flowers use when they are not evolved to attract pollinators.
A: **wind** pollination (accept: **anemophily**) OR **water** pollination (accept: **hydrophily**)

END OF FIRST QUARTER

SECOND QUARTER

Splits: Factoring & Jack Nicholson

Factoring

26. $10x^2 + 4x$.
A: **$2x$** times **$(5x + 2)$** (accept: **$(5x + 2)$** times **$2x$**)
27. $4x^2 - 25$.
A: **$(2x + 5)$** times **$(2x - 5)$** (accept: **$(2x - 5)$** times **$(2x + 5)$**)
28. $x^2 - 6x + 8$.
A: **$(x - 4)$** times **$(x - 2)$** (accept: **$(x - 2)$** times **$(x - 4)$**)
29. $3x^2 - y^2$.
A: **xy** times **$(3x - y)$** (accept: **$(3x - y)$** times **xy**)

Jack Nicholson

30. Nicholson played Randle P. McMurphy in what 1975 Milos Forman movie set at an asylum?
A: **One Flew Over the Cuckoo's Nest**
31. What iconic five-word line did Nicholson deliver while playing Colonel Jessup in a courtroom scene in *A Few Good Men*?
A: **"You can't handle the truth!"**
32. In what 2006 movie did Nicholson play a boss in Boston's Irish mob?
A: **The Departed**
33. Nicholson famously yelled "Here's Johnny!" in what Stanley Kubrick movie?
A: **The Shining**

Double Jumps

34. Switzerland is divided into 26 federated states known as what?
A: **cantons**
35. The most populous French-speaking canton is named after what largest French-speaking city in the country?
A: **Geneva**
36. What duo worked together to write *The King and I*, *Oklahoma!*, and many other Broadway musicals?
A: Richard **Rodgers** AND Oscar **Hammerstein II**
37. The song "Some Enchanted Evening" was written for what other Rodgers and Hammerstein musical, in which a nurse struggles to accept her lover's mixed-race children?
A: **South Pacific**

Set of 4: Homographs

The following questions give descriptions for a set of homographs, words that are spelled the same way but differ in meaning. Identify the word that satisfies all descriptions.

38. A sudden and rapid movement; a Jamaican spice used on meat; an unkind and obnoxious person.
A: **jerk**
39. An emphasized detail or area; stress on a musical note; the manner of speaking of a certain area.
A: **accent**
40. The whip used by jockeys; to change the boundaries of a photograph; an agricultural product.
A: **crop**
41. An enclosed property containing multiple structures; to add to a problem and make it worse; a chemical made up of multiple elements.
A: **compound**

Set of 4

42. What nonmetal is found in the ores galena, cinnabar, and pyrite, and is also known as brimstone?
A: **sulphur** (accept: **S**)
43. What sulphur compound causes the characteristic smell of rotting eggs?
A: **hydrogen sulphide** (accept: **H2S**)
44. The most commonly-occurring allotrope of sulphur has how many atoms?
A: **8**
45. Disulphide bridges are responsible for the strength of what protein, which makes up hair and nails in humans?
A: **keratin**

5-Part Blitz

46. What disease causes an inflammation of the gums?
A: **gingivitis**
47. Which period of classical music is usually said to have lasted from about 1600 to 1750, which happens to be the year Bach died?
A: **Baroque** period
48. What is the name of the brown mushroom-shaped walking enemies in the *Mario* franchise?
A: **Goombas**
49. Mass-produced luxury homes found in American suburbs are referred to by what McDonald's-inspired term?
A: **McMansion**
50. What is the tallest mountain in Washington state?
A: Mount **Rainier** (accept: **Tacoma, Tahoma**)

END OF FIRST HALF

THIRD QUARTER

Splits: Alliterative Literature & Ancient Greece

Alliterative Literature

51. What author depicted a serial killer who targets individuals with alliterative names in *The ABC Murders*, her 11th story featuring detective Hercule Poirot?
A: Agatha **Christie**
52. What "handsome sailor" who inadvertently kills his ship's master-at-arms is the titular protagonist of an unfinished 1891 novella by Herman Melville?
A: **Billy Budd** (accept either bolded part)
53. What character must eventually marry Tyrion Lannister after initially being betrothed to Joffrey Baratheon?
A: **Sansa Stark** (prompt on partial answers)
54. What character was known as the boy who wouldn't grow up?
A: **Peter Pan** (prompt on partial answers)

Ancient Greece

55. What city-state led the Delian League against Sparta in the Peloponnesian War?
A: **Athens**
56. *Ajax*, *Antigone*, and *Oedipus Rex* are among the few surviving tragedies of what playwright?
A: **Sophocles**
57. The Colossus of Rhodes depicted what god of the sun?
A: **Helios**
58. Found on the slopes of Mount Parnassus, what city's temple of Apollo was home to Pythia ["PITH-ee-uh"], its namesake oracle?
A: **Delphi** ["DEL-fee"]

Double Jumps

59. Because it contains almost all of the atmosphere's water vapour, which layer of the atmosphere is where most weather takes place?
A: **troposphere**
60. What name refers to the boundary between the troposphere and the stratosphere, where temperature stops falling and begins to rise?
A: **tropopause**
61. Rhythm and Broadway are two styles of what kind of dance, which uses specialized shoes with metal fittings on the heels and soles?
A: **tap** dancing
62. What tap dancer was the highest-paid Black performer in America for the first half of the twentieth century?
A: Bill **Robinson** (accept: Mr. **Bojangles**)

Set of 3: Dolls

63. By what Russian name are nesting dolls known?
A: **matryoshka** dolls
64. Barbara Millicent Roberts is the full name of what iconic doll by Mattel?
A: **Barbie** doll
65. In 1982, Coleco Industries released the first of what wildly popular line of cloth dolls with plastic heads?
A: **Cabbage Patch Kids**

Set of 3: Separatism in Canada

66. Which province elected 18 Anti-Confederation MPs to the first Canadian parliament, most notably including Joseph Howe?
A: **Nova Scotia**
67. Name both provincial political parties in the National Assembly of Quebec that support Quebec sovereignty.
A: **Parti Québécois** (accept: **PQ**) AND **Québec solidaire** (accept: **QS**)
68. In 2022, which province introduced a namesake Sovereignty Act under its premier Danielle Smith?
A: **Alberta**

Set of 3: European Cuisine

Given the description of a dish and its name, give its country of origin.

69. A stew of meat and vegetables seasoned with paprika, called goulash.
A: **Hungary**
70. A tart with custard inside called a pastel de nata.
A: **Portugal**
71. A dessert made with espresso, ladyfingers, and mascarpone, called tiramisu.
A: **Italy**

Linked Set of 4

72. After Houston, Dallas, and San Antonio, what is the fourth-largest city in Texas, and its capital?
A: **Austin**
73. By what two-word nickname was professional wrestler Steve Austin known?
A: **Stone Cold**

74. What kind of virus is responsible for most cases of the common cold?
A: **rhinovirus**
75. Which body part is referred to in the word "rhinovirus"?
A: **nose**

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: Members of the Royal Ballet defied their superiors to appear alongside what person in a music video, in which they pay homage to the dancer Vaslav Nijinsky?
77. Part 2: In the aforementioned video, this man and his bandmates dressed as women in a parody of Coronation Street.
78. Part 3: This man rose to international fame by writing a song about a woman who avoids complications by never keeping the same address and keeps "Moet et Chandon in her pretty cabinet".
79. Part 4: This man sang lead vocals on the songs "I Want to Break Free", "Killer Queen", and "Bohemian Rhapsody".
A: Freddie **Mercury** (accept: Farrouk **Bulsara**)

Streak

80. Name up to all four of the countries that danced a stately quadrille as they rearranged alliances in the Diplomatic Revolution, ahead of the Seven Years' War.
A: Great **Britain** (accept: **United Kingdom, UK**) (reject: England)
A: **France**
A: **Austria**
A: **Prussia**

Streak

82. Name up to all of the "mane 6" protagonists of *My Little Pony: Friendship Is Magic*.
A: **Twilight Sparkle**
A: **Rarity**
A: **Rainbow Dash**
A: **Applejack**
A: **Pinkie Pie**
A: **Fluttershy**

Set of 4: South Africa

85. Siya Kolisi is the captain of the Springboks, South Africa's national team in what sport?
A: **rugby** union (reject: rugby league)
86. Who became the first ever popularly-elected president of South Africa in 1994?
A: Nelson **Mandela**
87. Devil's Peak, Robben Island, and Table Mountain are near what city, home to the House of Parliament?
A: **Cape Town**

88. Who described the ballroom-dancing servants Sam and Willie serving the title character in his play *Master Harold...and the Boys*?
A: Athol **Fugard**

12-Part Blitz

89. Henry the Navigator hailed from what country?
A: **Portugal**
90. What symbol that can be used to represent an exponent is found as the shift-6 key on a standard keyboard?
A: **caret**
91. Which layer of the Earth lies between the crust and the core?
A: **mantle**
92. Machismo, fear of difference, and a cult of tradition were among the fourteen properties identified with what ideology in a 1995 essay by Umberto Eco?
A: ur-**fascism** (accept word forms)
93. Who is the protagonist of the original *Half-Life* game?
A: **Gordon Freeman** (accept either bolded part)
94. What type of musical texture involves multiple independent melodies sounded at once?
A: **polyphonic** (accept: **polyphony**, **counterpoint**, **contrapuntal**)
95. In photography, what term refers to the time just after the sun rises or before it sets, when lighting is soft?
A: **golden hour** (accept: **magic hour**)
96. What quantity represents the maximum work that can be extracted from a system, and is represented by G?
A: **Gibbs free energy** (prompt on: free energy)
97. What colloquial name for an exceptionally high-scoring cricket player also refers to a Roman military position?
A: **centurion**
98. What time signature is also known as common time?
A: **4/4** ["four four"]
99. What body part contains the glenoid labrum and the rotator cuff?
A: **shoulder**
100. What sea that separates Australia from the Solomon Islands is named after a marine invertebrate?
A: **Coral** Sea

END OF GAME