



2023-24 Junior Season Opener (T1) – Pack 2

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PACK 2

5-Part Blitz

1. What two kinds of particles make up an atomic nucleus?
A: **protons** AND **neutrons**
2. What mnemonic is used to remember which verbs are conjugated with "être" in the passé composé in French?
A: **Dr.** and **Mrs. P Vandertramp**
3. Early followers of what religion used the ichthys, a symbol made of two overlapping curves meant to represent a fish?
A: **Christianity** (accept: **Catholicism**)
4. What early French Impressionist is known for his paintings of racehorses and ballet dancers?
A: Edgar **Degas**
5. Weber, Dyna-Glo, and Broil King are all companies that make what products?
A: **barbecues** (accept: **grills**)

Double Jumps

6. What scientist names the inverse square law for electrostatics and the SI unit for electric charge?
A: Charles-Augustin de **Coulomb**
7. What other constant, also known as the electric constant, is equal to 1 over the quantity four pi times Coulomb's constant?
A: **vacuum permittivity** (accept: **permittivity** of **free space**) (prompt on: **permittivity**)
8. What language was used to write the novels *Dream of the Red Chamber* and *Journey to the West*?
A: **Chinese**
9. The first section of *Journey to the West* tells the story of what monkey king?
A: **Sun Wukong** (accept either bolded part)

Set of 4: Newspapers

10. What modern Canadian newspaper has its roots in older papers founded by John A. Macdonald and George Brown?
A: *The* **Globe and Mail**
11. Named for its layout on the page, a journalist presents their point of view in what kind of recurring article?
A: **column**
12. What kind of small layout is often associated with sensationalist, gossipy newspapers, such as *The Sun*?
A: **tabloid**
13. If a newspaper does not have a bureau in a given city, it would likely use what kind of service to get short, commentary-free reports about it? Examples include Bloomberg News, Reuters, and the Associated Press.
A: **news agency** (accept: **newswire**, **wire service**)

Jackpot

14. Part 1: Slavoj Zizek ["SLAV-oy ZHEE-zhek"] once drew parallels between the themes of what two works, saying "we do not only escape into a fantasy to avoid confronting reality, we also escape into reality to avoid the devastating truth about the futility of our fantasies"?
15. Part 2: Mitsuki Takahata, among others, voiced extreme displeasure in response to several images combining elements of these two works.
16. Part 3: A TikTok posted by Barnes and Noble showed a "starter pack" for these two works that included a stress ball "for the threat of imminent death" and a date counter "to count down until July 21st".
17. Part 4: The title character of one of these works abruptly asks "Do you guys ever think about dying?", and the title character of the other declares "Now I am become death, the destroyer of worlds".
A: **Barbie AND Oppenheimer**
(accept: **Barbenheimer**)

Set of 3: Job-Hunting

18. What does the abbreviation CV stand for?
A: **curriculum vitae** (accept: **curricula vitae**)
19. What term refers to the practice of following a professional as they complete their daily tasks in order to gain insight into their job?
A: **shadowing** (accept word forms)
20. Two green "L" shapes form the logo of what website, where employees can anonymously review their employers?
A: **Glassdoor**

5-Part Blitz

21. What novel by Koshun Takami gives its name to an exceptionally popular genre of video games that includes PUB G and Fortnite?
A: **Battle Royale**
22. 60 atoms of what element make up a molecule of buckminsterfullerene?
A: **carbon** (accept: **C**)
23. In the 1950s, what company created the Hula Hoop and the Frisbee?
A: **Wham-O**
24. A radio psychiatrist living in Seattle is the main character of what TV show, a spinoff of *Cheers*?
A: **Frasier**
25. What two English words is "Pokemon" short for?
A: **Pocket Monsters**

END OF FIRST QUARTER

SECOND QUARTER

Splits: The Solar System & NBA Free Agency

The Solar System

26. Because they contain many compounds like methane, water, and ammonia, what term refers collectively to Uranus and Neptune?
A: **ice giants**
27. Which planet is the least dense, less dense than water?
A: **Saturn**

28. What is the most volcanically active body in the Solar System, because of strong tidal forces caused by its location between Jupiter and the other three Galilean moons?
A: **Io**
29. What is the densest body in the Solar System, and the sixth-most massive?
A: The **Earth**

NBA Free Agency

30. Whose 5-year, 304-million-dollar contract extension, signed in July 2023, is the largest contract in NBA history?
A: Jaylen **Brown**
31. The rule that allows teams to exceed the salary cap to re-sign their own players is named after what Celtics star of the 1980s?
A: Larry **Bird**
32. What term refers to a manoeuvre in which a player agrees to a contract with his former team in order to be immediately dealt to another team, so that he can receive a higher salary?
A: **sign-and-trade**
33. What was the name of the ESPN special on which LeBron James announced he was "taking his talents to South Beach" and signing with the Miami Heat in 2010?
A: "The **Decision**"

Double Jumps

34. What is the lowest common multiple of 12 and 30?
A: **60**
35. You will have 5 seconds. What is the lowest common multiple of 14, 15, and 18?
A: **630**
36. What religion teaches its followers to avoid both self-denial and self-indulgence and instead follow the Middle Way, by taking the Noble Eightfold Path to exit the cycle of death, rebirth and suffering?
A: Theravada **Buddhism**
37. What Sanskrit name is given to the endless cycle of life, death, and rebirth in Buddhism?
A: **samsara**

Set of 4

38. What city is the setting of four novels, beginning with *My Brilliant Friend*, by contemporary author Elena Ferrante?
A: **Naples** (accept: **Napoli**)
39. Neapolis, the Greek name of Naples, means what in English?
A: **new city**
40. What three flavours make up Neapolitan ice cream?
A: **chocolate** AND **vanilla** AND **strawberry**
41. The song "Funiculi Funicula" concerns a trip up what active volcano near the city, which is best known for destroying Pompeii in AD 79?
A: Mount **Vesuvius**

Set of 4: Aliens Among Us

42. In what New Mexico town was debris from a crashed weather balloon recovered, giving rise to several conspiracies about aliens?
A: **Roswell**
43. UFO witnesses are threatened into silence by what purported group of pseudo-government agents?
A: The **Men in Black** (accept: **MIB**)
44. World War II fighter pilots gave what nickname to UFOs and mysterious aerial phenomena, which is now the name of a band founded by Dave Grohl?
A: **Foo Fighters**
45. Which American President described seeing a UFO two years before he became governor of Georgia?
A: Jimmy **Carter**

5-Part Blitz

46. What is the only element that usually has more protons than neutrons in its nucleus?
A: **hydrogen** (accept: **H**)
47. Giving its name to a web browser, what is the Latin plural of the word "opus"?
A: **opera**
48. What painter co-wrote the film *Un Chien Andalou* and painted *The Persistence of Memory*?
A: Salvador **Dali**
49. During transcription, DNA is copied into what single-stranded nucleic acid, which then leads the creation of proteins?
A: **RNA** (accept: **ribonucleic acid**)
50. What website that allows fans to purchase personalized video messages from celebrities shares its name with a term for a guest appearance from a well-known celebrity?
A: **Cameo**

END OF FIRST HALF

THIRD QUARTER

Splits: Spelling & Opera

Spelling

51. The last name of the actor who starred in *True Lies*, *Total Recall*, and *The Terminator*: spell Schwarzenegger.
A: **S-C-H-W-A-R-Z-E-N-E-G-G-E-R**
52. It is a mountain pass that was the site of a famous battle during the Greco-Persian wars: spell Thermopylae.
A: **T-H-E-R-M-O-P-Y-L-A-E**
53. In a military context, it means the observation of a region to locate an enemy or ascertain strategic features: spell reconnaissance.
A: **R-E-C-O-N-N-A-I-S-S-A-N-C-E**
54. The last name of the swingman who won the 2015 NBA Finals MVP Award while with the Warriors: spell Iguodala ["igg-wod-ALL-ah"].
A: **I-G-U-O-D-A-L-A**

Opera

55. What Italian word refers to the text of an opera?
A: **libretto**
56. What Italian composer wrote many operas based on Shakespeare plays, such as *Macbeth*, *Falstaff*, and *Othello*?
A: Giuseppe **Verdi**
57. What composer wrote the duet "Au Fond Du Temple Saint" for his opera *The Pearl Fishers*, and also wrote the "Habanera" and the "Toreador Song" for *Carmen*?
A: George **Bizet**
58. What composer wrote the aria "When I am Laid In Earth", commonly known as Dido's Lament, in his opera *Dido and Aeneas*?
A: Henry **Purcell**

Double Jumps

59. The Matterhorn and Mont Blanc can be found in what mountain range?
A: **Alps** (accept: **Alpine** Mountains)
60. In 1991, two German hikers in the Alps discovered what naturally preserved mummy from the 3000s BC, also called the Iceman?
A: **Otzi**
61. Who worked with her then-husband Mutt Lange ["lang"] to record the hits "You're Still the One", "That Don't Impress Me Much", and "Man! I Feel Like a Woman!"?
A: Shania **Twain**
62. "Man! I Feel Like a Woman!" and the other aforementioned songs were released on what legendary 1997 album, still the all-time best-selling country album as well as the best-selling album by a Canadian?
A: **Come On Over**

Set of 3: Pasta

63. What Italian term refers to pasta that generally contains egg and is not dried before being cooked?
A: pasta **fresca**
64. What variety of pasta resembles a bowtie?
A: **farfalle**
65. In the song "If I Had a Million Dollars", the Barenaked Ladies agree that they would eat more of what brand of boxed pasta?
A: **Kraft Dinner** (accept: **KD**) (prompt on: Kraft)

Set of 4: Changing Capitals

66. Until Tokugawa Ieyasu took over as shogun in 1600 and moved the capital to Edo, what city was the de facto capital of Japan?
A: **Kyoto** (accept: **Heian-kyo**)
67. What country is building the planned city of Nusantara to serve as its new capital because its current one is sinking into the sea?
A: **Indonesia**
68. What was Brazil's capital until Brasilia was built?
A: **Rio de Janeiro** (prompt on: Rio)
69. The monoliths known as the Aso Rock and the Zuma Rock can be found in what planned city that replaced Lagos as Nigeria's capital in 1991?
A: **Abuja**

Linked Set of 6

70. What time zone contains Fresno, Las Vegas, Olympia, and Seattle?
A: **Pacific** Standard/Daylight Time (accept: **PST, PDT, Pacific** time zone)
71. What Liberal Party leader became Canada's prime minister following the Pacific Scandal?
A: Alexander **Mackenzie**
72. What sea of the Arctic Ocean does the Mackenzie River flow into?
A: **Beaufort** Sea
73. What is measured by the Beaufort Scale?
A: **wind** strength/speed/conditions (prompt on: storms)
74. What American city is nicknamed the "Windy City"?
A: **Chicago**
75. What department store company originally gave its name to the tallest building in Chicago?
A: **Sears**

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: Much of our knowledge about what person's life comes from a so-called "Golden Book", as well as from a "Secret History" of their people?
77. Part 2: This leader besieged and captured the city of Bukhara and then massacred many of its inhabitants.
78. Part 3: This Tengri emperor conquered the Jin with the help of his general Subutai.
79. Part 4: This grandfather of Kublai united the Mongol tribes and conquered much of Asia.
A: **Genghis Khan** ["CHIN-giss HONN"] (reject partial answers) (accept: **Temujin**)

Streak

80. Name up to all four of the cities that host the Big Four Fashion Weeks.
A: **New York** City (accept: **NYC**)
A: **Paris**
A: **London**
A: **Milan**

Set of 4: Doctors

82. The first mobile blood transfusion system was developed during the Spanish Civil War by what doctor, who died serving with Mao's forces in the Chinese Civil War and is celebrated in his home country of Canada?
A: Norman **Bethune**
83. What English doctor is considered the father of modern epidemiology for his use of mapping and statistics to determine the origins of cholera outbreaks in London?
A: John **Snow**
84. Snow's work helped future scientists develop what theory, which replaced the idea that miasma, or "bad air", was how diseases were spread?
A: **germ theory** of disease

85. What winner of the Nobel Prize for Medicine officially shared the prize only with John Macleod [“muck-LOUD”], but then shared his winnings with his colleague Charles Best?
A: Frederick **Banting**

Set of 3: Demons

86. What demon of German folklore is featured in *Faust*?
A: **Mephistopheles**
87. Who raps about “pulling up in a Demon” in his song “Zeze”, featuring Travis Scott and Offset?
A: **Kodak Black** (accept: Bill Kahan **Kapri**, Dieuson **Octave**)
88. Van Diemen's land is now known by what name?
A: **Tasmania**

12-Part Blitz

89. What novel features the characters Diana Rivers and Edward Rochester, the master of Thornfield Hall?
A: **Jane Eyre**
90. How many pockets does a pool table have?
A: **six**
91. Found in the Canadian Arctic, what is the world's largest uninhabited island?
A: **Devon** Island
92. What two cities are the endpoints of the Trans-Siberian Railway?
A: **Moscow** AND **Vladivostok**
93. On what legal drama was Rachel Zane played by Meghan Markle?
A: **Suits**
94. What British humourist penned the “My Man Jeeves” series of short stories?
A: P.G. **Wodehouse**
95. What astronomer died after etiquette prevented him from leaving a banquet to relieve himself, causing his bladder to fail? After having part of his nose sliced off in a duel, he wore a brass nose for most of his life.
A: Tycho **Brahe**
96. Salvador Dali included one stump leg and one long, spindly leg being used as a table in his depiction of the “ghost” of what other painter, born in Delft?
A: Johannes **Vermeer**
97. Pregnancies are often divided into three phases known as what?
A: **trimesters**
98. What American author wrote the novels *Song of Solomon*, *The Bluest Eye*, and *Beloved*?
A: Toni **Morrison**
99. Gwendoline Christie portrays principal Larissa Weems in what comedy horror series?
A: **Wednesday**
100. Following last weekend's election, what National Party leader will become the next prime minister of New Zealand?
A: Christopher **Luxon**

END OF GAME