



## 2024 Summer Open (T1) – Pack 4

---

**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 4

## 5-Part Blitz

1. What fictional character hosts enormous parties that he himself does not take part in at his house in West Egg?  
A: The **Great Gatsby** (accept: **James Gatsby, Jay Gatz**) (accept any bolded part)
2. On September 22nd, who hit his 40th home run of the season to become the first player since Alfonso Soriano in 2006 to record a forty-forty season?  
A: Ronald **Acuña** Jr.
3. What concept is expressed by "Ik onkar", the opening words of the Guru Granth Sahib?  
A: **monotheism** (accept equivalents mentioning that there is only one god)
4. If something can act as either a base or an acid, what is it said to be?  
A: **amphiprotic** (accept: **amphoteric**)
5. Who is Tarzan's love interest?  
A: **Jane Porter** (accept either bolded part)

## Double Jumps

6. Fought shortly after Stamford Bridge, at what battle was the Anglo-Saxon king Harold Godwinson defeated by William the Conqueror in 1066?  
A: Battle of **Hastings**
7. What name refers to William the Conqueror's campaign to crush Northumbrian and Scandinavian rebellions following his rise to power in England?  
A: **Harrying of the North**
8. What Kander and Ebb musical about Velma Kelly and Roxie Hart satirizes the concept of celebrity criminals and takes place in a midwestern American city?  
A: **Chicago**
9. In what song from *Chicago* do the six merry murderesses of the Cook County Jail justify their crimes by repeatedly singing "he had it comin' "?  
A: "**Cell Block Tango**"

## Set of 4: Emily Carr

10. Carr is best remembered for her paintings of what kind of gigantic wooden carvings?  
A: **totem poles**
11. What Indigenous group was a major inspiration for Carr and give their name to the archipelago formerly known as the Queen Charlotte Islands?  
A: **Haida**
12. Carr wrote of her experiences living with the Indigenous peoples of British Columbia in what autobiography, titled for her nickname?  
A: **Klee Wyck**
13. Carr was connected to the Group of Seven through the support of which member, who bankrolled the group and was known for *North Shore, Lake Superior, 1926*?  
A: Lawren **Harris**

## Jackpot

14. Part 1: What is the first word in the name of a tech company whose parent company merged with Digital World Acquisition Corp in March?
15. Part 2: This was the first word in the name of an organization chaired by Desmond Tutu in the late 1990s.
16. Part 3: This word is the translation of the name of the official newspaper of the Communist Party of the Soviet Union.
17. Part 4: A 2015 Canadian report listing 94 "calls to action" was published by a commission named for this word and reconciliation.  
A: **truth**

## Set of 3: Spelling

18. A verb meaning to withdraw from a political organization or union, spell secede.  
A: **S-E-C-E-D-E**
19. A noun meaning an event that happens, spell occurrence.  
A: **O-C-C-U-R-R-E-N-C-E**
20. The name for the arteries that bring blood to the neck and head, spell carotid.  
A: **C-A-R-O-T-I-D**

## 5-Part Blitz

21. What peninsula, home to a large Tatar population and the city of Sevastopol, has been occupied by Russia since 2014?  
A: the **Crimea** (accept: the **Crimean** Peninsula)
22. Repeatedly dividing a number by its smallest nontrivial factor, until the result can no longer be divided, is one method for performing what task?  
A: **prime factorization** (accept: **prime factorizing**, **prime factoring**) (prompt on partial answers)
23. What word describes a mixture in which the parts can be easily separated and are visibly distinct?  
A: **mechanical** (accept: **heterogenous**)
24. What fictional character inspired an adjective meaning "hopelessly idealistic or unrealistic", thanks to memorable actions such as charging at windmills?  
A: **Don Quixote** (accept: Alonso **Quijano**)
25. Which golf club hits balls the farthest and is mostly used for tee shots?  
A: **driver** (accept: **1-wood**, **1-metal**) (prompt on: fairway wood, fairway metal)

## END OF FIRST QUARTER

---

## SECOND QUARTER

### Splits: Magicians & Indian History

#### Magicians

26. Known for making the Empire State Building disappear, what American is considered the most commercially successful magician in history?  
A: David **Copperfield** (accept: David **Kotkin**)
27. What American comedy and magic duo is the longest-tenured headlining act in Las Vegas history?  
A: **Penn Jillette** (accept either bolded part) AND **Teller**

28. What term refers to the art of dexterously using fingerwork to fool the audience?  
A: **sleight of hand** (accept: **prestidigitation, legerdemain**)
29. In what Harry Houdini trick did he escape after being suspended from his ankles in a glass tank of water?  
A: **Chinese water torture cell**

### Indian History

30. From the 1757 Battle of Plassey until its dissolution following the Indian Rebellion of 1857, what organization was the dominant power in India?  
A: British **East India Company** (accept: **EIC**) (prompt on: The Company)
31. From the mid-1300s to the mid-1500s, most of southern India was ruled by what empire?  
A: **Vijayanagara** Empire
32. What Indian prime minister suspended the constitution and ruled by decree from 1975 to 1977, a period known as "the Emergency"?  
A: **Indira Gandhi** (prompt on: Gandhi)
33. What was the first nationalist organization formed in a British colony, and later a political party led by Gandhi and Jawarhalal Nehru?  
A: Indian National **Congress** (accept: **INC, Congress** Party)

### Double Jumps

34. What character kills Polonius while being spied upon by his two childhood friends Rosencrantz and Guildenstern, sent to tail him by his uncle Claudius?  
A: **Hamlet**
35. What prince of Norway speaks the last lines of the play?  
A: **Fortinbras**
36. What country can be found on the northern shore of the Bristol Channel and the south-eastern shore of the Irish Sea?  
A: **Wales** (prompt on: United Kingdom, UK, Great Britain)
37. Lying in the Irish sea off of northwestern Wales, what large island is home to many Welsh speakers and the town of Holyhead?  
A: Isle of **Anglesey**

### Set of 4: Reality TV

38. Hoopz, Pumkin, and New York are all characters on what reality show, where contestants compete to win the heart of Flavor Flav?  
A: **Flavor of Love**
39. What reality show was focused around Abby Lee Miller and her running of the Abby Lee Dance Company?  
A: **Dance Moms**
40. Amy's Baking Company gained notoriety after being featured on what reality show hosted by Gordon Ramsay?  
A: **Kitchen Nightmares**
41. What American network has hosted shows such as *Say Yes to the Dress*, *My 600-lb Life*, and *My Strange Addiction*?  
A: The **Learning Channel** (accept: **TLC**)

### Set of 4: Famous Trials

42. What woman from Fall River, Massachusetts was acquitted of the murder of her parents in 1893 but was still the subject of rhymes in which she takes an axe and gives her mother forty whacks?  
A: Lizzie **Borden** (reject: Elizabeth Borden)
43. After violating Tennessee's Butler Act, who was defended by Clarence Darrow for teaching evolution in a namesake "Monkey Trial"?  
A: John Thomas **Scopes**
44. The actions of what participant in the Wannsee ["VON-say"] Conference were used as an example of the "banality of evil" by Hannah Arendt when she reported on his trial in Jerusalem?  
A: Adolf **Eichmann**
45. Judge Thomas Trenchard sentenced whom to death in 1935 for the alleged kidnapping and murder of Charles Lindbergh's son?  
A: Bruno Richard **Hauptmann**

### 5-Part Blitz

46. What blood vessels bring oxygenated blood to the left atrium from the lungs?  
A: main **pulmonary veins** (prompt on: pulmonary)
47. Used as an emblem of the muse Calliope ["kuh-LIE-uh-pee"], what ancient Greek instrument resembles a harp?  
A: **lyre**
48. What person names a sandwich consisting of bananas, peanut butter, and sometimes bacon and honey?  
A: **Elvis Presley** (accept either bolded part)
49. The equation  $x^2 + 1 = 0$  has how many real roots?  
A: **zero** (accept: **none**)
50. What rapper released the album *Ready to Die* in 1994, and then *Life After Death* three years later, following his murder?  
A: The **Notorious B.I.G.** (accept: **Biggie** Smalls, Christopher **Wallace**)

### END OF FIRST HALF

---

### THIRD QUARTER

#### Splits: Psychological Experiments & the Symphony

##### Psychological Experiments

51. What phenomenon did Solomon Asch study by conducting an experiment in which participants compare the lengths of lines in a group setting?  
A: **conformity**
52. Whose work on classical conditioning revealed that dogs salivate when they see a person who often gives them food, even if no food is yet present?  
A: Ivan **Pavlov**
53. First studied as a developmental milestone by Jean Piaget, what capacity in young children could be experimentally assessed by playing peek-a-boo?  
A: **object permanence**
54. What is the name of the test developed by Mary Ainsworth in the 1970s to assess attachment styles in infants?  
A: **Strange Situation** Test (accept: **SST**)

##### The Symphony

55. Who included movements titled "Longing", "Sorrow", "Humor", and "Aspiration" in his *Afro-American Symphony*?  
A: William Grant **Still**
56. During his tenure as director of the National Conservatory of Music in New York, what Czech composer wrote the *New World Symphony*?  
A: Antonin **Dvorak** ["DVO-zhak" or "DVOR-zhak"]
57. The overture to *Les Huguenots* and the fourth movement of Mendelssohn's *Reformation* symphony are both based on what German hymn by Martin Luther?  
A: "A **Mighty Fortress Is Our God**" (accept: "Ein **Feste Burg ist unser Gott**")
58. Joseph Joachim ["yo-AHH-eem"] and Pablo de Sarasate were both masters of what instrument, played by the concertmaster of a symphony orchestra?  
A: **violin**

### Double Jumps

59. What director created the characters Suzy Bishop, Gustave H, and Steve Zissou, and is noted for his symmetrical compositions and storybook visual style?  
A: **Wes Anderson** (prompt on: Anderson)
60. What university roommate of Anderson's co-wrote the screenplays for *Bottle Rocket* and *The Royal Tenenbaums*, in which he played Dignan and Eli Cash, respectively?  
A: **Owen Wilson** (prompt on: Wilson)
61. Pallas and Vesta are examples of what kind of celestial body that form a namesake "belt" between the orbits of Mars and Jupiter?  
A: **asteroids**
62. What word refers to asteroids that share the orbit of a planet? Most examples of these in the Solar System are in Jupiter's orbit.  
A: **Trojans**

### Set of 3

63. What is the process of removing salt from water called?  
A: **desalination** (accept: **desalinization**) (accept word forms)
64. What riverless nation leads the world in production of desalinated water?  
A: **Saudi Arabia**
65. What is the most-used process for desalinating water?  
A: **reverse osmosis**

### Set of 5: Neighbourhoods

66. A statue of a famously loyal dog stands next to a massive pedestrian crossing in what special ward of Tokyo, known for its fashion culture and nightlife?  
A: **Shibuya**
67. Since the mid-1800s, immigrants of what ethnicity have dominated the Southie neighbourhood of Boston, producing many powerful local politicians such as the Kennedy family?  
A: **Irish**
68. Many chaebols, such as Hyundai, are headquartered in what wealthy commercial district of Seoul, parodied in a 2011 hit song by Psy?  
A: **Gangnam**

69. What city is divided into its namesake island, the New Territories, and Kowloon, the three regions that make up its Special Administrative Region?  
A: **Hong Kong**
70. What capital city consists of working-class suburbs called banlieues surrounding 20 arrondissements?  
A: **Paris**

### 5-Part Blitz

71. Name either of the two countries in which the tango originated.  
A: **Argentina** OR **Uruguay**
72. What British rock band depicted a lone cow in a field on the cover of their 1970 album *Atom Heart Mother*?  
A: **Pink Floyd**
73. What specific structural theory of international relations was put forth in *The Tragedy of Great Power Politics* by John Mearsheimer?  
A: **offensive neorealism/offensive neorealist** (prompt on: neorealism/neorealist)
74. What "A"-word of Latin origin refers to the x-coordinate of a point on a graph?  
A: **abscissa**
75. What language does the word "kindergarten" come from?  
A: **German**

## END OF THIRD QUARTER

---

## FOURTH QUARTER

### Jackpot

76. Part 1: Richard Ablin discovered a protein expressed in what organ coded by the KLK3 gene, whose use as a diagnostic marker is controversial?
77. Part 2: This organ is homologous to structures named for Alexander Skene.
78. Part 3: This organ can be divided into central, transition, and peripheral zones. Cancer of this organ are classified via the Gleason scale.
79. Part 4: Incidence of cancer of this organ rises above 70% past age 80, but most of those men do not die from that cancer or even realize they have it.  
A: **prostate**

### Streak

80. List up to the top 7 countries in the world by total nominal Gross Domestic Product.  
A: **United States** of **America** (accept either bolded part) (accept: **USA**)  
A: **China** (accept: **People's Republic of China, PRC**) (reject: Republic of China, ROC)  
A: **Japan**  
A: **Germany**  
A: **India**  
A: **United Kingdom** (accept: Great **Britain, UK**)  
A: **France**

### Streak

85. Name up to all of the countries that are the primary hosts of the top 5 highest-earning soccer leagues.
- A: **England** (prompt on: United Kingdom, UK, Great Britain)
- A: **Spain**
- A: **Germany**
- A: **Italy**
- A: **France**

### Set of 3: Last Names Beginning with FE

86. Chicago Pile 1, the world's first nuclear reactor, was created by what physicist?
- A: Enrico **Fermi**
87. What entrepreneur from Modena is known for founding an automobile marque?
- A: Enzo **Ferrari**
88. What cosmetics brand is run by and named for Rihanna?
- A: **Fenty** Beauty

### 12-Part Blitz

89. Which *Resident Evil* game features the abnormally tall vampire Lady Dimitrescu?
- A: *Resident Evil* **Village** (accept: *Resident Evil 8*)
90. How many atoms of oxygen are in a molecule of ozone?
- A: **three**
91. Until the writings of Edmund Gettier, most philosophers accepted "justified true belief" as the definition of what concept, which is studied in epistemology?
- A: **knowledge** (accept word forms)
92. What video game developer produces games like *Team Fortress*, *Portal*, *Dota*, and *Half-Life*?
- A: **Valve**
93. From what tree are MDMA and the traditional flavouring of root beer derived?
- A: **sassafras**
94. The lyric "I've made some real big mistakes, but you make the worst ones look fine" opens the chorus of what Olivia Rodrigo song?
- A: **"Vampire"**
95. What African country's coastline features a distinctive indent where it separated from Madagascar about 185 million years ago?
- A: **Mozambique**
96. *Calvin and Hobbes* was created by what cartoonist?
- A: Bill **Watterson**
97. In what game does a spymaster give hints to teammates in order to choose the right words on a board?
- A: **Codenames**
98. Who addressed a series of poems to everyday objects like "a Large Tuna in the Marketplace" and a "Pair of Socks" in his *Elemental Odes*?
- A: Pablo **Neruda**
99. The ores magnetite and hematite are sources of what element?
- A: **iron** (accept: **Fe**)
100. What 19th-century French thinker wrote the books *The Old Regime and the Revolution* and *Democracy in America*?
- A: Alexis de **Tocqueville**

END OF GAME