



## 2024-25 Post-Secondary Championship (T3) – Pack 8

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# PACK 8

## 5-Part Blitz

1. What amoral playboy kills the Commendatore in a duel at the start of a Mozart opera?  
A: Don **Giovanni** (accept: Don **Juan**)
2. Name either country where Lingala and Kituba are most widely spoken.  
A: **Democratic Republic of the Congo** (accept: the **DRC**) OR **Republic of the Congo** (prompt on: the **Congo**)
3. In summer 2024, the daughter of what acclaimed, recently-deceased Canadian author revealed that her mother had chosen to stay with her second husband after learning he had abused that daughter?  
A: Alice **Munro**
4. Founded by Richard Clement Moody in 1858, what city on the Lower Mainland served as the capital of the colony of British Columbia until that colony merged with Vancouver Island in 1866?  
A: **New Westminster**
5. What country built the Statue of Liberty?  
A: **France**

## Double Jump

6. Polymers such as P.E.T. and polyvinyl chloride make up what kind of man-made materials, which often pollute the environment due to their poor biodegradability?  
A: **plastics**
7. What was the first synthetic plastic ever created, synthesized in 1907 by its namesake scientist, who coined the word "plastics"?  
A: **Bakelite**

## Double Jump

8. Hindi, Breton, Armenian, Latvian, French, and English are all members of what broad language family?  
A: **Indo-European** language family
9. What is the most widely accepted proposal for the homeland of the proto-Indo-European language, which holds that it originates north of the Black Sea?  
A: **Kurgan** hypothesis/theory/model (accept: **steppe** hypothesis/theory/model)

## Set of 4: Unofficial Holidays

10. Every September 19th, what kind of person are celebrants meant to talk like?  
A: **pirate**
11. Occurring four days after American Thanksgiving, what holiday was created to encourage online shopping?  
A: **Cyber Monday**
12. Albert Einstein was born on what day, which is celebrated annually because its numerical short form matches the first three digits of a transcendental number?  
A: **March 14th** (accept clear equivalents) (prompt on: **Pi Day**)

13. Initially created by Leslie Knope on *Parks and Recreation*, what holiday celebrates women's empowerment and friendship?  
A: **Galentine's** Day

### **Jackpot**

14. Part 1: In one song, who referenced her difficult upbringing by singing "Nothing comes from nothing, nothing ever could / So somewhere in my youth or childhood, I must've done something good"?
15. Part 2: In an earlier song, this woman steeled herself for an upcoming job by declaring "I have confidence they'll put me to the test / But I'll make them see / I have confidence in me!".
16. Part 3: This character sang "a prince on the bridge of a castle moat heard" before yodeling in "The Lonely Goatherd".
17. Part 4: This character danced in the Alps while singing "The hills are alive with the sound of music", shortly before the mother superior sang "How do you solve a problem like" her.  
A: **Maria** von Trapp (prompt on: von Trapp)

### **Set of 3: Migration**

18. Across what present-day strait are the ancestors of today's First Nations thought to have migrated from Asia?  
A: **Bering** Strait
19. As of February, over 12 million people have been displaced as a result of what country's ongoing civil war between government forces and the RSF?  
A: **Sudan**
20. What land animal holds the record for the longest terrestrial migration, walking over 3,000 kilometres per year across northern Canada?  
A: **reindeer** (accept: **caribou**)

### **5-Part Blitz**

21. What state names the most powerful drug cartel in Mexico?  
A: **Sinaloa**
22. What mathematician names a single trial with exactly two outcomes, multiple of which give rise to the binomial distribution?  
A: Jacob **Bernoulli**
23. What is the given name of the slave written about in a 2024 Percival Everett novel, which retells his story from *The Adventures of Huckleberry Finn*?  
A: **Jim** (accept: **James**)
24. Who used the example of a sudden global scarcity in tin to show how prices in a market economy act as signals for transmitting information, in his paper *The Use of Knowledge in Society*?  
A: Friedrich **Hayek** (accept: F.A. **Hayek**)
25. What was the full name of the ad-hoc group chat to which journalist Jeffrey Goldberg was accidentally added by National Security Advisor Michael Waltz?  
A: **Houthi PC small group**

**END OF FIRST QUARTER**

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**SECOND QUARTER**

## Splits: Islam & Stars

### Islam

26. What anecdotes, not contained in the Qur'an, detail the purported words and actions of Muhammad?  
A: **hadith** (accept: **ahadith**)
27. Who visited Muhammed on the Night of Power to relay the Qur'an in its entirety after being sent down from heaven by Allah?  
A: the angel/archangel **Gabriel** (accept: the angel/archangel **Jibril**)
28. What sect of Islam emerged from moderate Kharijites and is currently practised mostly in Oman?  
A: **Ibadi** Islam (accept: **Ibadism**)
29. What is the Arabic name of the fifth pillar of Sunni Islam, the pilgrimage to Mecca?  
A: **Hajj**

### Stars

30. What red giant in the constellation Cetus is the prototype of a class of red variable stars?  
A: **Mira**
31. Name either type of star cluster.  
A: **open** cluster OR **globular** cluster
32. What is the longest-lived and most common kind of star, the smallest member of the main sequence?  
A: **red dwarf**
33. What the Ancient Greeks referred to as "wandering stars" are now known as what?  
A: **planet**

### Double Jump

34. What rapper released the 2024 album *American Dream*, featuring songs like "Nee-Nah" and "Redrum"?  
A: **21 Savage** (accept: Shéyaa Bin **Abraham-Joseph**)
35. 21 Savage featured on what closing track from *Honestly, Nevermind* by Drake?  
A: **"Jimmy Cooks"**

### Double Jump

36. An s-orbital can contain how many electrons?  
A: **2**
37. How many electrons does it take to fill all atomic orbitals of n equals 5?  
A: **50**

### Set of 4: Sports Math

Given a list of scoring plays in a sport, state how much a team would score from all of those plays combined.

38. Five baskets from the paint, two free throws, and a half-court buzzer beater in a game of basketball.  
A: **15** points
39. In a game of rugby union, three tries with two post-try conversions.  
A: **19** points
40. A ball hit over the boundary on the fly plus a ball that clears the boundary after bouncing in a game of cricket.  
A: **10** runs

41. Three touchdowns (each with an extra point), a rouge, and a safety in a game of football.  
A: **24** points

#### Set of 4

42. The title figure is flanked by the god Zephyr and the Hora of Spring while standing in a giant shell in what painting by Sandro Botticelli?  
A: **The Birth of Venus**
43. What three figures do scholars believe are depicted alongside Venus in a 1545 painting by Bronzino?  
A: **Cupid AND Folly AND Time**
44. As a marble version of one was discovered alongside the statue, what object is believed to have been held by the Venus de Milo before the statue lost its arms?  
A: **Apple** of Discord
45. Venus is often depicted looking towards what kind of object, such as in Velazquez's *Rokeby Venus*, in order to compare her perspective to that of the viewer?  
A: **mirror**

#### Linked Set of 5

46. Who was assassinated in Manhattan's Audubon Ballroom in 1965 by members of the Nation of Islam?  
A: **Malcolm X** (accept: Malcolm **Little**) (reveal: **Malcolm X**)
47. In bowling, what is represented on the scorecard with an X?  
A: **strike**
48. In May and June of 1919, what Canadian city was the site of a massive general strike?  
A: **Winnipeg**
49. The Assiniboine meets what other river at the Forks in Winnipeg?  
A: **Red** River
50. What island was discovered and settled in 986 under Erik the Red?  
A: **Greenland**

#### END OF FIRST HALF

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#### THIRD QUARTER

#### Splits: Antarctic Geography & Esports

##### Antarctic Geography

51. The Amery, Larsen, Blunt, Filchner, Ronne, and Ross are all what kind of geographical feature on the Antarctic coast?  
A: **ice shelves**
52. Beneath about 4 kilometres of ice, what is by far the largest submerged lake in the world and largest lake in Antarctica?  
A: Lake **Vostok**
53. Among the seven continents, where does Antarctica rank in size?  
A: **5th-biggest/largest** (accept: **3rd-last**, **3rd-smallest**)
54. What kind of geographical feature separates East Antarctica from West Antarctica?  
A: **mountain range** (accept: **mountains**)

## Esports

55. Hungrybox is known for maining what character in *Super Smash Bros. Melee*, known for its powerful rest attack?  
A: **Jigglypuff**
56. What team has won the two most recent *League of Legends* World Championships?  
A: **T1**
57. What form of competition is the focus of GDQ, and is often divided into sections like any percent and glitchless?  
A: **speedrunning** video games
58. What series's three factions are the Protoss, Terrans, and Zerg?  
A: **StarCraft** (prompt on: SC)

## Set of 3: Animal Etymologies

59. What animal's name means "earth pig" in Afrikaans?  
A: **aardvark**
60. According to their French name, what country do guinea pigs supposedly come from?  
A: **India**
61. What animal's name translates literally to "wash bear" from Chinese, Dutch, and German?  
A: **raccoon**

## Jailbreak

62. What musical collective founded by pianist Scott Bradlee is known for its covers of modern songs in various vintage and retro styles?  
A: **Postmodern Jukebox**
63. What classical-period composer moved away from traditional opera buffa and opera seria distinctions with reform operas such as *Alceste* and *Orfeo ed Euridice* ["yurr-ID-iss-ee"]?  
A: Christoph Willibald **Gluck**
64. What renowned author and ultra-nationalist attempted to lead a coup d'état in 1970, failed miserably, and committed seppuku?  
A: Yukio **Mishima** (accept: **Mishima** Yukio)
65. What character, who previously had an affair with Abigail Williams, is accused of witchcraft and must grapple with whether to falsely confess in *The Crucible*?  
A: **John** Proctor (prompt on: Proctor)
66. Poisoning by what element is the cause of erethism, a neurological disorder also known as mad hatter disease?  
A: **mercury** (accept: **Hg**)
67. Name either Central American country that borders three other Central American countries.  
A: **Guatemala** OR **Honduras**
68. What Israeli prime minister worked with Britain and France to try to re-open the Suez Canal by invading Egypt in 1956?  
A: David **Ben-Gurion**
69. How many points did Wilt Chamberlain score on March 2nd, 1962?  
A: **100**
70. A pH of about 5 is found inside what organelle that aids in cellular waste disposal?  
A: **lysosome**
71. What number is hidden in the Baskin Robbins logo, formed by part of the B and part of the R?  
A: **31**

72. The battle for power between Lord Toranaga and the Council of Regents is the focus of what Emmy-winning TV show?  
A: **Shogun**
73. In a common idiom, who is robbed in order to pay Paul?  
A: **Peter**
74. The settlements of Fort Resolution and Hay River lie on the shores of what lake?  
A: **Great Slave** Lake
75. What quantity is equal to the amount of work needed per unit charge to move a positive test charge from one point to another point in an electric field?  
A: **voltage** (accept: electric **potential difference**)

## END OF THIRD QUARTER

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## FOURTH QUARTER

### Jackpot

76. Part 1: In 2008, who wrote a paper that demonstrated a method to overcome the Byzantine Generals Problem? This person worked with Hal Finney and passed control to Gavin Andresen upon retiring.
77. Part 2: This person is depicted in a recent “disappearing statue” in Lugano, Switzerland, as well as in a recent metallic statue in Budapest that shows him wearing a mask and a hoodie.
78. Part 3: This person’s fortune, untouched since their disappearance in 2011, is now estimated to be worth about a hundred billion dollars.
79. Part 4: The first-ever blockchain was developed by this pseudonymous creator of Bitcoin.  
A: Satoshi **Nakamoto** (prompt on: Satoshi)

### Streak

80. Give up to every regnal name chosen by at least ten popes.

A: **Benedictus**

A: **John** (accept: **Ioannes**)

A: **Pius**

A: **Gregory** (accept: **Gregorius**)

A: **Leo**

A: **Innocentius**

A: **Clement** (accept: **Clemens**)

### Streak

84. Name up to all five countries that have more three-star restaurants than China in the Michelin Guide.

A: **France**

A: **Japan**

A: **Spain**

A: **Italy**

A: **United States** of **America** (accept either bolded part) (accept: **USA**)

### Set of 3

86. A longstanding superstitious belief has resulted in what demonym being used by actors to refer to the play *Macbeth*, instead of the play's real name?  
A: **Scottish**
87. Being presented with a counter-example to a sweeping generalization and then dismissing that counter-example for not truly fitting corresponds to what logical fallacy?  
A: **no true Scotsman** fallacy
88. Give either the modern or the traditional metonym for the headquarters of the Metropolitan Police in London.  
A: New **Scotland Yard**

### 12-Part Blitz

89. What cooperative card game is named for the Japanese for "fireworks"?  
A: **Hanabi**
90. Which two Scandinavian countries were in a personal union for most of the 19th century?  
A: **Sweden** AND **Norway**
91. John Locke's role as the "man of faith" is contrasted with Jack Shepherd's role as the "man of science" on what TV show that begins with a plane crash-landing on an island?  
A: **Lost**
92. In a famous mathematical demonstration, putting grains of wheat on what object is used to demonstrate the rapid growth of exponential functions?  
A: **chessboard** (accept: **checkerboard**) (prompt on: board)
93. What three-word phrase does Kenny say in a high-pitched voice in a much-memed clip from the show *Storage Wars*?  
A: **watch your profanity** (accept: **watch your profamity**)
94. At what address do John Watson and Sherlock Holmes reside?  
A: **221b Baker Street** (prompt on: 221 Baker Street, 221b Baker)
95. What was the pen name of Mary Anne Evans, who wrote a "Study of Provincial Life" titled *Middlemarch*?  
A: George **Eliot**
96. What is the literal translation of shahanshah ["shahh-an-SHAHH"], the title used by ancient Persian emperors?  
A: **king of kings**
97. What punk rock group featured original members Tommy, Johnny, Joey, and Dee Dee and is named for their pseudonymous shared surname?  
A: The **Ramones**
98. Which American state did Canada recently surpass in population?  
A: **California**
99. What TV series based on novels by Tom Clancy stars John Krasinski as the titular CIA agent?  
A: *Tom Clancy's* **Jack Ryan**
100. Simplify the square root of 250.  
A: **5** times the square **root** of **10** (accept: **5** times **radical 10**)

END OF GAME