



## 2023-24 Post-Secondary Championship (T4) – Pack 2

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# PACK 2

## 5-Part Blitz

1. Who wrote about Max's adventures on a jungle island in the book *Where the Wild Things Are*?  
A: Maurice **Sendak**
2. In what year did Canadian astronomer Ian Shelton discover a type 2 supernova in the Large Magellanic Cloud?  
A: **1987** (prompt on: '87)
3. Rounded to the nearest hundred million, what is India's population?  
A: **1 billion, 400 million** (accept: **1.4 billion**)
4. What rapper was accused of being "mad at Megan's Law" on the track "Hiss" by Megan Thee Stallion?  
A: Nicki **Minaj** (accept: Onika **Maraj**-Petty) (prompt on: **Nicki**)
5. What practice, common among Chinese women during the Qing dynasty and ubiquitous among the upper class, was finally abolished in the 20th century?  
A: **footbinding** (accept: **binding feet**)

## Double Jump

6. What animation studio has produced *My Neighbor Totoro* and *Spirited Away*, along with other films by Hayao Miyazaki?  
A: Studio **Ghibli**
7. What 2023 Studio Ghibli film was released in Japan under the title *How Do You Live?*?  
A: *The **Boy and the Heron***

## Double Jump

8. What American scientist names the thermodynamic potential written as "delta H minus T delta S", his namesake "free energy"?  
A: Josiah Willard **Gibbs**
9. What other scientist names a type of free energy, more commonly seen in physics, that equals the amount of work when temperature, instead of pressure, is held constant?  
A: Hermann von **Helmholtz**

## Set of 4: School Shows

10. A mockumentary about what Philadelphia school sees Janine Teagues attempt to improve her students' lives despite chronic underfunding in the school district?  
A: Willard R. **Abbott Elementary** School
11. The 2020 revival of what sitcom sees former student Zack Morris now acting as the Governor of California, the state where Bayside High is located?  
A: ***Saved by the Bell***
12. John Travolta's breakthrough role was as a member of a remedial education class called "The Sweathogs" in what 1970s sitcom?  
A: ***Welcome Back, Kotter***

13. A cancelled revival by HBO Max would have been the sixth series in what franchise set in the titular Toronto school?  
A: ***Degrassi***

### Jackpot

14. Part 1: What author created a character who theorizes that humans enjoy toothaches, and spends an extended section of the novel he appears in trying to bump into an officer in a dignified way?  
15. Part 2: The title character of another novel by this author shatters an expensive Chinese vase belonging to his love interest while suffering from an epileptic seizure.  
16. Part 3: The Parable of the Grand Inquisitor appears in a different novel by this author, in which two of the title characters discuss the benevolence of God after priests' corpses begin to rot.  
17. Part 4: The protagonist is pursued by a police officer after murdering a pawnbroker in this author's *Crime and Punishment*.  
A: Fyodor **Dostoevsky**

### Set of 3: Vaccines

18. Name all three diseases protected against by the MMR vaccine.  
A: **measles** AND **mumps** AND **rubella**  
19. Joseph Meister would have died from what disease had Louis Pasteur not developed a vaccine for it?  
A: **rabies** (accept: **hydrophobia**)  
20. Name the Hungarian-American scientist who won the 2023 Nobel Prize in Physiology or Medicine for her work on mRNA vaccine technology.  
A: Katalin **Kariko**

### 5-Part Blitz

21. Rainbow-Ralphing Cats, Hairy Potato Cats, Beard Cats, Cattermelons, and Tacocats can be found in what card game in which players must avoid being blown up by a feline?  
A: **Exploding Kittens**  
22. What French word refers to a professional in charge of wines in a fine dining establishment?  
A: **sommelier**  
23. Often used as a tag for fanfiction, what word refers to sweet, positive interactions that are usually romantic and light on plot?  
A: **fluff**  
24. What portmanteau coined by Moya Bailey refers to the specific form of discrimination faced by Black women?  
A: **misogynoir**  
25. Most of Africa's largest rainforest lies in what country?  
A: **Democratic Republic of the Congo** (accept: the **DRC**) (prompt on: the **Congo**)

## END OF FIRST QUARTER

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## SECOND QUARTER

### Splits: Paintings by Description & Psychology

#### Paintings by Description

Given a visual description of a painting, give its name.

26. A leafless tree, a strange creature, and a brown rectangular block stand in the foreground with melting clocks draped over them.  
A: *The **Persistence of Memory***
27. Engine exhaust combined with mist blots out the landscape, which features a bridge in the corner and a black train running down the Great Western Railway in the centre.  
A: ***Rain, Steam and Speed***
28. A robed man lies hunched over his desk, while a swarm of bats and owls circle directly above him.  
A: *The **Sleep of Reason Produces Monsters***
29. The Horae of Spring extends a cloak towards the title figure, while the god Zephyrus blows her to shore as she stands nude on a scallop shell.  
A: *The **Birth of Venus***

### Psychology

30. Interpreting information based on what one already believes to be true is an example of what bias?  
A: **confirmation** bias
31. The marshmallow delayed gratification experiment was held at what university, also the site of a prison experiment?  
A: **Stanford** University
32. "Factitious disorder imposed upon self" is another name for what disorder, in which a patient pretends to have a medical ailment?  
A: **Munchausen** syndrome
33. Who wrote *The Interpretation of Dreams* and coined the term "Oedipus complex"?  
A: Sigmund **Freud**

### Double Jump

34. What simplest aromatic hydrocarbon has formula C<sub>6</sub>H<sub>6</sub>?  
A: **benzene**
35. What aromatic cation, a common signature of a benzyl group in mass spectrometry, has formula C<sub>7</sub>H<sub>7</sub><sup>+</sup>?  
A: **tropylium**

### Double Jump

36. For her role as Mollie Kyle, who became the first Indigenous actress from the US to be nominated for an Academy Award?  
A: Lily **Gladstone**
37. In 1990, what Indigenous actor from Canada was nominated for Best Supporting Actor for his role in *Dances With Wolves*?  
A: Graham **Greene**

### Set of 4

38. The license plates of the Northwest Territories are shaped like what animal?  
A: **polar bear** (prompt on: bear)
39. Polar bears belong to which suborder of carnivores, along with badgers, raccoons, wolves, and other dog-like predators?  
A: **caniformia** (accept: **caniform** carnivores)
40. What northern Manitoban town is a common tourist spot for people coming to see polar bears?  
A: **Churchill**

41. Polar bears are pagophilic animals, which means they prefer to live on what structures?  
A: sea **ice** (accept: **ice floes**, **icebergs**)

#### **Set of 4: Fortune-Telling**

42. What "D"-word is a synonym for fortune-telling?  
A: **divination** (accept: **divining**)
43. The Major and Minor Arcana together make up what fortune-telling implements?  
A: **tarot** cards/decks/packs
44. What Greco-Roman practice involved studying the behaviour of birds in order to determine the will of the gods?  
A: **augury** (accept word forms)
45. In one divination method, stalks from the yarrow plant are used to generate one of the 64 hexagrams of what ancient Chinese text?  
A: **Book of Changes** (accept: **I Ching**)

#### **5-Part Blitz**

46. Thanks in part to the AI boom, what company has recently become the third-most-valuable in the United States and designs the GeForce line of computer chips?  
A: **Nvidia**
47. Which caliphate was formed when Muslims of non-Arab ethnicities rose up against their second-class status and established themselves as equals in the Muslim world?  
A: **Abbasid** Caliphate
48. What Italian scientist discovered the four largest moons of Jupiter?  
A: **Galileo Galilei** (accept either bolded part)
49. How many lines are there in a haiku?  
A: **3**
50. What country's recent elections, though rigged by the military in favour of the PMLN, still resulted in a strong showing for the jailed Imran Khan?  
A: **Pakistan**

### **END OF FIRST HALF**

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### **THIRD QUARTER**

#### **Splits: Avian Sports Names & Food in Greek Mythology**

##### **Avian Sports Names**

51. At which Olympic games did an infamously poor ski jumping performance by Eddie the Eagle lead to the creation of a rule limiting who was allowed to qualify for future events?  
A: **1988 Winter** Olympics/Games (accept: **Calgary** Olympics/Games) (prompt on: **1988** Olympics/Games)
52. Kevin McHale and Robert Parrish formed a frontcourt with what other Hall of Famer?  
A: Larry **Bird**
53. Name either city with multiple Big 4 sports teams whose mascots are birds.  
A: **Atlanta** OR **Baltimore**

54. What word often designates a division of amateur hockey for kids between the age of 13 and 15, and comes from an Indonesian word for a small chicken?  
A: **bantam**

### Food in Greek Mythology

55. Often accompanied by nectar, what was the food of the gods in Greek mythology?  
A: **ambrosia**
56. What food did Eris bring to the wedding of Peleus and Thetis, leading to the Judgment of Paris and the beginning of the Trojan War?  
A: golden **apple** of discord
57. Persephone was forced to spend part of each year with Hades in the underworld because of her consumption of what food?  
A: **pomegranate** pips/seeds
58. What food was eaten by the inhabitants of a namesake island in Book 9 of the Odyssey? It was so delicious that Odysseus's men forgot why they wanted to go home.  
A: **lotus** fruit/flowers/plants

### Set of 3: Reversed Words

Given definitions of two words that are reverses of each other, give both words.

59. Apple products, and fraud.  
A: **Macs** AND **scam**
60. An interjection expressing annoyance or disappointment, and an object that can fuse hydrogen into helium.  
A: **rats** AND **star**
61. Witty or clever, and streetcars or trolleys.  
A: **smart** AND **trams**

### Jailbreak

62. In the late 20th century, what replaced the Richter scale as the main scale used to measure the energy of earthquakes?  
A: **moment magnitude** scale (accept: **MMS**)
63. The publication of what 1988 book resulted in Iran issuing a fatwa against its author, Salman Rushdie?  
A: *The **Satanic Verses***
64. In which American state is most of the Brooks Range located?  
A: **Alaska**
65. "Betcha can't eat just one" is the slogan of what brand of potato chips?  
A: **Lay's** (accept: **Frito-Lay**)
66. What name is given to the point on which a lever pivots?  
A: **fulcrum**
67. What country was the site of a 1983 to 2009 guerilla war between the government and the Tamil Tigers?  
A: **Sri Lanka**
68. Many dating sims belong to what broader genre of game, originally from Japan, that consist mostly of text and still images and feature endings based on the player's choices?  
A: **visual novels** (accept: **VNs**)
69. Port Elizabeth, Pietermaritzburg, and Pretoria are all cities in what country?  
A: **South Africa**

70. Elisabeth of Bavaria became empress of Austria and queen of Hungary following her 1854 marriage to what ruler, who ruled Austria-Hungary from 1848 to 1916?  
A: **Franz Joseph I** of Austria (accept: **Francis Joseph I**)
71. What instrument, similar to a baritone horn, has a name coming from the Greek for “good sound”?  
A: **euphonium**
72. What is the alliterative name of the style of pants that widen from the knees downward?  
A: **bell-bottoms** (accept: **bell-bottom** pants)
73. Diamond Play Buttons are awarded to Youtube channels at what subscriber milestone?  
A: **ten million** subscribers
74. What city is the Bosphorus strait in?  
A: **Istanbul** (accept: **Constantinople**)
75. What alliteratively-named singer begs God not to take away the “Beautiful Things” in his life in a song of the same name?  
A: Benson **Boone**

### END OF THIRD QUARTER

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### FOURTH QUARTER

#### Jackpot

76. Part 1: What person's views are defended by a book that uses the story of how a Hawai'ian king broke the traditional religious taboos of his people as an analogy?
77. Part 2: A field previously dominated by this person's writings was overhauled by a book called the *Begriffsschrift* [“beg-RIFF-shrift”].
78. Part 3: Averroes [“av-err-OH-ess”] defended this person against attacks from Avicenna and others, such as in his treatise *The Incoherence of the Incoherence*.
79. Part 4: This person founded the Peripatetic school at the Lyceum.  
A: **Aristotle**

#### Streak

80. Name up to all four members of the Central Powers.  
A: Imperial **Germany** (accept: the **German Empire**)  
A: **Austria**-Hungary (accept: **Austro-Hungarian Empire**, **Hapsburg Empire**) (prompt on: Dual Monarchy)  
A: **Ottoman** Empire (accept: Ottoman **Turkey**)  
A: Kingdom/Tsardom of **Bulgaria**

#### Set of 4: Volume

Given the dimensions of a shape, give its volume.

82. A 2-by-7-by-11 rectangular prism.  
A: **154** units
83. A cylinder with radius 2 and height 5.  
A: **20pi** units
84. A square-based pyramid with a 6-by-6 base and a height of 6.  
A: **72** units

85. The unit sphere.  
A: **4pi/3** ["four pi over three" or "four over three pi" or "four-thirds pi"] units

### Set of 3

86. What term refers to the 19th-century rivalry between the UK and Russia over Central Asia?  
A: The **Great Game**
87. What sport is often referred to as "the beautiful game"?  
A: **soccer**
88. What British rock band included songs "Crazy Little Thing Called Love" and "Another One Bites the Dust" on their album *The Game*?  
A: **Queen**

### 12-Part Blitz

89. Some players have reported sightings of blue sniper beams in what 2024 game, suggesting the return of the Illuminate faction from the original installment?  
A: **Helldivers 2**
90. Transit riders in what city can use the contactless Octopus card to pay for fares on its MTR subway system?  
A: **Hong Kong** (prompt on: **HK**)
91. Eating at what American fast-food chain is a Christmas tradition in Japan?  
A: **Kentucky Fried Chicken** (accept: **KFC**)
92. "Pinoy" is an informal demonym used for people from what country?  
A: The **Philippines**
93. Three of Mozart's concertos for the French Horn were written in what key, also the key of his Sinfonia Concertante, 39th symphony, and *Magic Flute* overture?  
A: **E-flat** major
94. The albums *Paradise Again* and *Dawn FM (Alternate World)* both include what song titled for a phrase describing irresistible attraction towards something harmful?  
A: **"Moth to a Flame"**
95. Dorothea Lange took what photograph of a woman surrounded by her children during the Great Depression?  
A: **Migrant Mother**
96. Used as a home base for many Caribbean privateers and pirates in the 16th and 17th centuries, what city preceded Kingston as the largest in Jamaica?  
A: **Port Royal**
97. A "Not Found" error is represented by what three-digit HTTP status code?  
A: **404** (accept: error **404**, code **404**, clear equivalents)
98. The online Games section of what newspaper is home to games such as *Spelling Bee*, the "Mini" crossword, *Connections*, and *Wordle*?  
A: *The* **New York Times** (accept: **NYT**) (prompt on: *the Times*)
99. What name refers to the series of infrastructure projects undertaken across Asia and Africa by the Chinese government in the past decade?  
A: **Belt and Road** Initiative (accept: **One Belt, One Road** Initiative, **BRI**, **B&R**)
100. Name either principal island of Haida Gwaii.  
A: **Graham** Island OR **Moresby** Island

**END OF GAME**