



2023-24 High School 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 Ghibli film, released in Japan under the title *How Do You Live*, features a boy who journeys to a magical land through an abandoned tower in order to find his stepmother?
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 wrote a novel in which the title character shatters an expensive Chinese vase belonging to his love interest while suffering from an epileptic seizure?
15. Part 2: 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.
16. Part 3: A protagonist created by this author is pursued by a police inspector after he murders a pawnbroker.
17. Part 4: This author created the brothers Ivan, Alyosha, and Dmitri in *The Brothers Karamazov*, and also wrote *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

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 pale-faced woman with a blue headscarf and a foreign dress stares out at the viewer, with a precious gemstone dangling from her ear.
A: ***Girl with a Pearl Earring***
29. The Hora 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. Popularized in a TED talk by Amy Cuddy, what scientifically-dubious practice involves the brief adoption of certain postures to increase one's confidence?
A: **power posing** (accept: **power poses**)
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 C₆H₆?
A: **benzene**
35. What simplest polycyclic aromatic hydrocarbon consists of two fused benzene rings and is the active component of mothballs?
A: **naphthalene**

Double Jump

36. This March, Lily Gladstone became the first Indigenous actress from the US to be nominated for an Academy Award for her performance as Mollie Kyle in what film?
A: ***Killers of the Flower Moon***
37. Mexican Indigenous actress Yalitza Aparicio was nominated for her role as the live-in housekeeper of an upper-middle class family in what 2018 film?
A: ***Roma***

Set of 4

38. The license plates of the Northwest Territories are shaped like what animal?
A: **polar bear** (prompt on: **bear**)
39. The polar bear is the largest of what order of mammals, so named for their propensity to consume meat?
A: **carnivore** (accept: **carnivoran**)

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. 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**)
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

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. "The Hick from French Lick" was a nickname for what Celtics star of the 1980s?
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. 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
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

FOURTH QUARTER

Jackpot

76. Part 1: A book called the *Begriffsschrift* [“beg-RIFF-shrift”] overhauled a field previously dominated by the works of what person?
77. Part 2: Averroes [“av-err-OH-ess”] defended this person against attacks from Avicenna and others, such as in his treatise *The Incoherence of the Incoherence*.
78. Part 3: This person founded the Peripatetic school at the Lyceum.
79. Part 4: This philosopher tutored Alexander the Great and was himself taught by Plato.
A: **Aristotle**

Streak

80. Name up to all four members of the Central Powers, the alliance that lost World War I.
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**
83. A cylinder with radius 2 and height 5.
A: **20pi**
84. A square-based pyramid with a 6-by-6 base and a height of 6.
A: **72**
85. The unit sphere.
A: **4pi/3** [“four pi over three” or “four over three pi” or “four-thirds pi”]

Set of 3: The Game

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 the songs “Crazy Little Thing Called Love” and “Another One Bites the Dust” on their album *The Game*?
A: **Queen**

12-Part Blitz

89. On April 9th, a large Automaton fleet launched a surprise invasion of the ice planet Cyberstan in what 2024 game?
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, and *Connections*?
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