



2023-24 High School Championship (T4) – Pack 10

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PACK 10

5-Part Blitz

1. After the Time of Troubles, what royal house took control of the Russian throne and held it until being overthrown in February 1917?
A: House of **Romanov**
2. Mir ["meer"], Salyut, Skylab, and the ISS are or were what kind of objects?
A: **space stations**
3. Conjugation is to verbs as what is to nouns, pronouns, and adjectives?
A: **declension**
4. What country's assembly of experts appoints its supreme leader, who has control over the Islamic Revolutionary Guard Corps?
A: **Iran**
5. An "archipelago" of what sort of location titles a series by Alexander Solzhenitsyn?
A: **gulags**

Double Jump

6. The *Venus de Milo* and *Mona Lisa* are both located in what Parisian art gallery?
A: **Louvre** Museum
7. What architect designed the Louvre pyramid?
A: **Pei** Ieoh Ming (accept: I.M. **Pei**)

Double Jump

8. In 1920, what player hit more home runs than any other whole team in the American League?
A: **Babe** Ruth (accept: George Herman **Ruth**)
9. One of the Babe's many career records is his mark of .690 ["six ninety"] in what rate statistic, 56 points ahead of Ted Williams?
A: **slugging** percentage

Set of 4

10. "Act" and "Rule" are two forms of what philosophical theory, which is based on the greatest happiness principle?
A: **utilitarianism**
11. Decades before John Stuart Mill, what Englishman founded utilitarianism, and is also remembered for proposing a prison that could be watched over by a single guard, the Panopticon?
A: Jeremy **Bentham**
12. In a 1975 book on their "liberation," Australian philosopher Peter Singer argued that utilitarian logic ought to be applied to what entities?
A: **animals**
13. Some utilitarians adhere to what position, which states that the only worthwhile goal is pleasure, and therefore believe that utilitarianism should aim to maximize pleasurable experiences?
A: **hedonism**

Jackpot

14. Part 1: After Desiree is spurned by Frederik, she sings a reflective song partially titled for what type of people, the most famous song from Stephen Sondheim's *A Little Night Music*?
15. Part 2: One of these people is drinking at home alone when he is arrested for armed robbery, but it is later revealed that he was framed by Robert Terwilliger.
16. Part 3: In an opera titled for these people, one of them, Canio, discovers his wife's infidelity but resigns himself to going on with his work in the aria "Vesti la Giubba". That opera is *Pagliacci*.
17. Part 4: Often ironically depicted as troubled or sad, fictional examples of these people include Krusty from *The Simpsons* and Pennywise from *It*.
A: **clowns**

Set of 3: Math Puzzles

18. What Asian city names a puzzle involving moving a stack of differently sized rings from one peg to another, often used as a way to teach recursion?
A: **Hanoi**
19. What two-word name is given to a grid of numbers such that each row, column, and diagonal sum to the same number?
A: **magic square**
20. Five triangles of three different sizes, a square, and a parallelogram are the seven pieces of what puzzle?
A: **tangram**

5-Part Blitz

21. What is the largest city and financial capital of Tanzania?
A: **Dar es Salaam**
22. What term refers to stored energy that could do future work?
A: **potential** energy
23. What Sanskrit word can refer to the first precept of Buddhism, a principle of non-violence also found in other Indian religions such as Jainism?
A: **ahimsa**
24. What widow of Jack Layton won the 2023 mayoral by-election in Toronto?
A: Olivia **Chow**
25. The original edition of what board game sees six monsters try to collect 20 victory points by rolling six dice and strategically occupying the titular city?
A: **King of Tokyo**

END OF FIRST QUARTER

SECOND QUARTER

Splits: The Space Race & Musical Instruments in Literature

The Space Race

26. The Buran was the Soviet competitor of what American project?
A: **Space Shuttle** project (prompt on: shuttle project)
27. Sputnik 2 carried what passenger, the first dog to orbit the Earth?
A: **Laika**

28. Later a US senator for 25 years, who was the first American to orbit the Earth?
A: John **Glenn**
29. Taraji P. Henson starred as Katherine Johnson in what 2016 film about the role of Black women in the space race?
A: **Hidden Figures**

Musical Instruments in Literature

30. What object titles a novel about a character who decides at age 3 never to grow up, named Oskar Mazareth, and was written by Gunter Grass?
A: **tin drum** (prompt on: drum)
31. While thinking over a case in his study, Sherlock Holmes often plays what instrument?
A: **violin** (accept: **fiddle**)
32. Who created Gabriel, who blows a trumpet to enter heaven in one play, and also wrote "The Piano Lesson" as part of his "Pittsburgh Trilogy"?
A: August **Wilson**
33. What town was home to a man mythologized in the writings of Goethe and the Brothers Grimm, who plays a pipe to rid it of rats?
A: **Hamelin**

Double Jump

34. What is the fundamental unit of information in computing?
A: **bit**
35. What circuit component with a hyphenated name can store a single bit of information?
A: **flip-flop**

Double Jump

36. Home to radio and weather stations at its location on Ellesmere Island, less than 1000 kilometres from the North Pole, what Canadian community is the northernmost continuously-inhabited settlement in the world?
A: **Alert**
37. What was the first Canadian settlement to reclaim its traditional name, and is currently the northernmost accessible by road?
A: **Tuktoyaktuk**

Set of 4

38. Michelle Williams and Ana de Armas have each portrayed what other actress, whose life was fictionalized in the novel *Blonde*?
A: Marilyn **Monroe** (accept: Norma Jeane **Baker/Mortenson**)
39. What American author wrote *Blonde*?
A: Joyce Carol **Oates**
40. What musician took inspiration from Monroe's performance of "Diamonds Are a Girl's Best Friend" in the film *Gentlemen Prefer Blondes* for her music video for "Material Girl"?
A: **Madonna** (accept: Madonna **Ciccone**)
41. At the 2022 Met Gala, who controversially re-wore the gown that Monroe wore for John F. Kennedy's birthday gala?
A: **Kim Kardashian** (prompt on: Kardashian, Kim K)

Set of 4

42. Casimir Funk was the first scientist to classify what broad family of compounds as being essential to proper human metabolic function?
A: **vitamins**
43. Thiamine is the scientific name for what vitamin, whose deficiency can cause beri-beri?
A: vitamin **B1**
44. Retinol and beta-carotene are vitamins in what family, important for vision?
A: vitamin **A**
45. Pregnant women are advised to take what vitamin to help prevent neural tube defects in the embryo?
A: vitamin **B9** (accept: **follic acid, folate**)

5-Part Blitz

46. What isthmus connects Myanmar to the Malay Peninsula?
A: **Kra** Isthmus
47. Skip, Draw Two, and Reverse cards can be found in the deck of what Mattel game based on crazy eights?
A: **Uno**
48. Which continent is home to most of the Great Rift Valley?
A: **Africa**
49. What word is both a synonym for "triple" and the name of a common musical clef?
A: **treble**
50. Tove Jansson created what children's characters, white round trolls resembling hippos?
A: **Moomintrolls** (accept: **Moomins**)

END OF FIRST HALF

THIRD QUARTER

Splits: Railway Terminology & Recent Hit Songs

Railway Terminology

51. What distance's "standard" variety equals 1435 mm and is the distance between two rails on a track?
A: track **gauge** ["gaje"]
52. On a freight train, passengers ride in the last car, which is given what name?
A: **caboose**
53. In what process are train cars individually sorted by namesake locomotives?
A: **shunting** (accept: **switching**)
54. What word refers to a convergence between multiple railroad tracks?
A: **junction**

Recent Hit Songs

55. What Alabama rapper brags about her man "speedin' a Wraith" and "touching Emilio Pucci" on the track "Never Lose Me"?
A: **Flo Milli** (accept Tamia **Carter**)

56. Also referring to a rule of thumb in improv comedy, what is the title of Ariana Grande's comeback single released in January 2024?
A: **"Yes, And?"**
57. Name either of the two rappers who collaborated on "Stars", "Back to Me", and "Carnival", all tracks on their first collaborative album *Vultures 1*?
A: Kanye **West** (accept: **Ye**) (prompt on: Kanye) OR **Ty Dolla Sign** (accept: Tyrone **Griffin** Jr.)
58. What rapper born on January 1, 2000 states "you not even the fart" on one song, and "karma is that girl, like" on another song with Taylor Swift?
A: **Ice Spice** (accept: Isis **Gaston**)

Set of 3: African Cuisine

59. What country's national cuisine includes dishes like tibs and wat, which are commonly eaten over a sour flatbread called injera?
A: **Ethiopia**
60. What Maghrebi staple food with a name likely of Berber origin consists of small steamed granules of semolina flour?
A: **couscous**
61. Originating from the Senegambian region, what rice dish features prominently in Ghanaian and Nigerian cuisine?
A: **jollof** rice

Jailbreak

62. What kind of object is described as "yours to hold [...] high" after being thrown "from failing hands" in the poem "In Flanders Fields"?
A: the **torch**
63. Most of the world's land sits on what kind of crust?
A: **continental** crust (accept: **sial** crust)
64. Although high school music programs use transposing clarinets in the key of B-flat, what transposing key is more common in classical orchestral scores?
A: **A**
65. First Assembly, Final Cut, and Redux are all versions of what 1979 Francis Ford Coppola film, an adaptation of *Heart of Darkness* set during the Vietnam War?
A: **Apocalypse Now**
66. What country had an entirely green flag from 1977 to 2011, coinciding with the leadership of Muammar Gaddafi?
A: **Libya**
67. What is Russia's second-largest city?
A: **St. Petersburg**
68. What animal names a type of classic video game, exemplified by powerline.io, in which the player controls that animal as it moves around the screen and must avoid running into its own tail?
A: **snake**
69. What British luxury fashion house is known for its signature check pattern, originally used to line trench coats?
A: **Burberry**
70. The companies Duracell, GEICO, and Dairy Queen are all wholly owned subsidiaries of what Omaha-based holding company led by Warren Buffett?
A: **Berkshire Hathaway** (prompt on: Berkshire)
71. What process occurs when a particle collides with its antiparticle?
A: **annihilation** (accept word forms)

72. What fast, oar-and-sail-propelled ships made up the bulk of Mediterranean navies in the 16th and 17th centuries?
A: **galleys**
73. What is Dr. Oz's real first name?
A: **Mehmet**
74. What country contains the world's largest salt flat, Salar de Uyuni?
A: **Bolivia**
75. Instead of "quatre-vingt-dix", what word is used for ninety in Swiss and Belgian French?
A: **nonante**

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: What modern-day city stands on the site of the main city of a tribe known as the Carnutes?
77. Part 2: Attila the Hun was defeated at the Catalaunian Plains days after giving up his failed siege of this city. This modern-day city was initially named Kenabum, before being re-founded as a Roman settlement by the emperor Aurelian.
78. Part 3: Another siege of this city was led by the Earl of Salisbury until he died in late 1428, and then by the Earl of Suffolk. That siege was suddenly lifted 9 days after a new commander arrived with a relief force.
79. Part 4: For her inspirational leadership in lifting its siege by English troops, Joan of Arc became known as the "Maid of" this city.
A: **Orléans**

Streak

80. Identify up to all six teams in the newly formed Professional Women's Hockey League.
- A: PWHL **Toronto**
- A: PWHL **Montreal**
- A: PWHL **Ottawa**
- A: PWHL **New York**
- A: PWHL **Boston**
- A: PWHL **Minnesota**

Set of 3: 3s in Chemistry

83. What is the common name for the isotope of hydrogen with an atomic mass of 3?
A: **tritium**
84. Which element has an atomic number of 3?
A: **lithium** (accept: **Li**)
85. What alkane has 3 carbon atoms?
A: **propane**

Set of 3: Also a Month

86. Offred has what first name on the *Handmaid's Tale* TV series?
A: **June**

87. Amy, Beth, Jo, and Meg have what surname in *Little Women*?
A: **March**
88. Since 2011, the federal riding of Saanich - Gulf Islands has been represented by whom in the House of Commons?
A: Elizabeth **May**

12-Part Blitz

89. What is the coldest national capital in the world by average temperature?
A: **Ulaanbaatar**
90. In RGB colour theory, what colour complements blue?
A: **yellow**
91. In the late 1800s, Argentina and Chile conquered Patagonia and Araucania from what Indigenous group?
A: **Mapuche**
92. What word refers to how close a set of measurements of the same quantity are to each other?
A: **precision**
93. Pilot's FriXion is the world's best selling model of what product?
A: **erasable pens**
94. Originating in Zoroastrianism and taking place on the spring equinox, what is the name of the Persian new year?
A: **Nowruz**
95. In 2005, what city replaced Yangon as the capital of Myanmar?
A: **Naypyidaw**
96. In what 2023 film can sounds of screaming and gunshots be heard in the background while the commandant of Auschwitz and his family live a blissful life next door?
A: *The **Zone of Interest***
97. "The quick brown fox jumps over the lazy dog" is an example of what kind of sentence that uses every letter of the alphabet?
A: **pangram**
98. After his wife is diagnosed with early-onset dementia, Henry takes up a job at a national forest and begins a radio correspondence with Delilah in what game?
A: **Firewatch**
99. Hong Xiuquan's ["shyu-CHWAN"]'s proclamation that he was the brother of Jesus sparked what massive 19th-century war, in which as many as 20 million people may have died?
A: **Taiping rebellion** (accept: **Taiping Civil War**)
100. Revered by Shias as the first Imam and by Sunnis as the last rightly-guided caliph, what younger cousin of Mohammed was one of the first Muslims?
A: **Ali**

END OF GAME