



2022-23 High School Championship (T3) – Pack 7

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PACK 7

FIRST QUARTER

4-Part Blitz

1. What kind of animal travels across a post-apocalyptic walled city alongside the robot B-12 in the 2022 game *Stray*?

A: **cat**

2. What Roman emperor founded a cult to deify his deceased lover Antinous ["an-TIN-oh-us"] and kept the Picts out of Britannia with a namesake wall?

A: **Hadrian**

3. Who was the coach of the Toronto Maple Leafs when they last won the Stanley Cup in 1967?

A: George "Punch" **Imlach**

4. Abbreviated "U", what nucleobase replaces thymine in RNA?

A: **uracil**

Jackpot

5.

Part 1: An atom of what element is bonded to two atoms of chlorine and two ammonia groups in a common chemotherapy drug?

Part 2: The standard hydrogen electrode is made from this element.

Part 3: Catalytic converters are often stolen because they contain a significant amount of rhodium, palladium, and this element.

Part 4: This valuable element with atomic number 78 is directly to the left of gold on the periodic table.

A: **platinum** (accept: **Pt**)

Set of 4: Add a T

You will be given the definition of a word, and then the definition of a second word which can be created from the first word by adding a "T" and not rearranging any letters. Provide both words.

9. Expected on a certain date; a performance in which two singers sing together.

A: **due** AND **duet**

10. A pointy part of some animals; a pointy part of some plants.

A: **horn** AND **thorn**

11. A symbol indicating how to read the notes on a staff; an adjective that can describe some hooves and some chins.

A: **clef** AND **cleft**

12. A person who hoards wealth; a title used to address a man.

A: **miser** AND **mister**

Set of 4: Notable Numbers

13. What is Jean Valjean's prisoner number in *Les Misérables*?

A: **24601**

14. The construction of a Kepler triangle makes use of what irrational number, which is equal to one plus root five, all over two?

A: **golden ratio** (accept: **phi**)

15. What single-digit number is considered to bring fortune in Chinese culture?

A: **eight**

16. Coined by nine-year-old Milton Kasner in 1920 and more famously used by Larry Page, what word refers to one followed by a hundred zeroes?

A: **googol**

Double Jumps

17. Who sings about "late nights endin' alone" and "conversations with a stranger I barely know" in his 2021 hit "Bad Habits"?

A: Ed **Sheeran**

18. What Ed Sheeran song with a card games theme has a popular remix version sung as a duet between Sheeran and Taylor Swift?

A: "The **Joker and the Queen**"

19. Named for a mythological princess, what is the nearest large galaxy to the Milky Way?

A: **Andromeda** galaxy

20. The Milky Way and Andromeda, along with their satellites, form what collection of galaxies?

A: **Local Group**

Set of 5: Canadian Confederation

21. Name any two of the three leaders of the Great Coalition, the temporary political alliance that made Confederation possible.

A: (any two of:) John A. **Macdonald**, George-Étienne **Cartier**, George **Brown**

22. Now referred to as the Constitution Act of 1867, what act did Queen Victoria sign to make Confederation official?

A: **British North America** Act, 1867 (accept: **BNA** Act, 1867)

23. What new name was given to Canada East after Confederation?

A: **Quebec**

24. Although it did not join Canada until 1873, which province calls itself the “Birthplace of Confederation” because it hosted an 1864 conference in its capital?

A: **Prince Edward Island** (accept: **PEI**)

25. What last governor general of the Province of Canada was also the first governor general of the Dominion of Canada?

A: Charles Stanley **Monck**

SECOND QUARTER

Splits: American National Parks & Units of Length

American National Parks

26. Which National Park was the first in the world to be established and contains the geyser known as Old Faithful?

A: **Yellowstone** National Park

27. Capitol Reef, Canyonlands, Arches, Bryce Canyon, and Zion National Parks can all be found in which state?

A: **Utah**

28. Just south of King’s Canyon National Park, what park in California is named for General Sherman and the other giant trees growing there?

A: **Sequoia** National Park

29. What park in Kentucky contains, and is named for, the longest cave system in the world?

A: **Mammoth Cave** National Park

Units of Length

30. Which Greek letter is used in the standard abbreviation for the micron?
A: **mu**
31. How many inches are in one hand?
A: **4** inches
32. If a ship is travelling at one knot, it covers one of what unit of distance in an hour?
A: **nautical mile** (reject: mile)
33. Rounded to the nearest trillion, how many kilometres are in one light-year?
A: **9** trillion

Set of 3: Avant-Garde Art

34. What type of object, signed "R. Mutt", does Marcel Duchamp's *Fountain* entirely consist of?
A: **urinal** (reject: toilet)
35. What length of time titles a piece in which no instruments play anything by John Cage?
A: **4'33"** (accept: **4 Minutes** and **33 Seconds**)
36. Umberto Boccioni's ["baw-CHO-neeZ"] sculpture *Unique Forms of Continuity in Space* is emblematic of what avant-garde movement, which emphasized concepts like dynamism, speed, and technology?
A: **futurism**

Set of 4: The Maritime World

37. What maritime industry was central to the economies of New Bedford and Nantucket, which Japan engages in in defiance of the IWC?
A: **whaling** (accept: **whale hunting**, **whale fishing**) (reject: hunting, fishing)
38. What book, whose protagonist is a fisherman named Santiago, was written by Ernest Hemingway?
A: *The **Old Man and the Sea***
39. What occupation is shared by the main characters of the show *Our Flag Means Death*, Stede Bonnet and Blackbeard?
A: **pirates**
40. What type of vessel uses direct contact or tow lines to manoeuvre other boats in delicate circumstances?
A: **tugboats**

Double Jumps

41. What organization got its nickname, "The Few", from a speech given on August 20, 1940 by Winston Churchill?

A: **Royal Air Force** (accept: **RAF, British Air Force**) (prompt on: air force)

42. What were the RAF's two main fighters during the Battle of Britain?

A: Supermarine **Spitfire** AND Hawker **Hurricane**

43. Who described meeting "a traveller from an antique land" in his poem *Ozymandias*?

A: Percy Bysshe **Shelley**

44. Inspired by a trilogy by Aeschylus ["ESS-kuh-luss"], what lyrical drama by Shelley focuses on the torment and eventual release of the title mythological figure?

A: **Prometheus Unbound**

6-Part Blitz

45. What do the H and G stand for in the television channel HGTV?

A: **Home** AND **Garden**

46. What sort of functions call themselves?

A: **recursive** functions

47. What nightmarish creature, conceived as a cross between a human, a dragon, and an octopus, features prominently in the stories of H. P. Lovecraft?

A: **Cthulhu** ["kuh-THOO-loo"]

48. What most recent period of the Cenozoic era do we currently live in?

A: **Quaternary** period

49. *Skins* and *Bad Vibes Forever* were albums released posthumously after the shooting of what pioneer of emo rap?

A: **XXXTentacion** (accept: Jahseh **Onfroy**)

50. Archaeological study of which continent includes concepts like the "Hopewell Tradition" and the "Woodland Period"?

A: **North America**

THIRD QUARTER

Splits: African Cities & Aquatic Sports

African Cities

51. What capital of Gauteng is the largest city in South Africa?

A: **Johannesburg** (prompt on: Joburg)

52. Kano, Port Harcourt, and Lagos are all cities in what most populous African country?

A: **Nigeria**

53. Salisbury was the former name of what city, the capital of Zimbabwe?

A: **Harare**

54. What two African capital cities have names with identical meanings, one in English and the other in French?

A: **Freetown** AND **Libreville**

Aquatic Sports

55. What sport features the oldest still-running international competition in world history, known as the America's Cup?

A: **sailing** (accept: **yachting**, **match racing**) (prompt on: boating, boat racing)

56. What team sport sees prominent use of the eggbeater kick, especially by goalies?

A: **water polo** (reject partial answers)

57. The IDBF, whose headquarters are in Hong Kong, is the governing body for what sport?

A: **dragon boat** racing (accept: **dragon boating**)

58. What term refers to curling all of one's toes over the edge of the board in surfing?

A: **hanging ten**

Set of 3: Noses

59. What structure separates the two nostrils of a human nose?

A: nasal **septum**

60. Major Kovalyov is missing his nose in *The Nose*, a short story by what Russian author?

A: Nikolai **Gogol**

61. Carlo Collodi created what fictional character whose nose grows every time he lies?

A: **Pinocchio**

Jailbreak

62. What alliterative term refers to the maximum population of a given species that can be sustained in an environment?

A: **carrying capacity**

63. What Minecraft YouTuber had a widely-publicized face reveal in October of 2022?

A: **Dream** (accept: **DreamWasTaken, Clay**)

64. What composer was inspired by the *Kalevala* for many of his works and composed the tone poem *Finlandia*?

A: Jean **Sibelius**

65. Household wall sockets in Canada provide how much voltage?

A: **120** volts AC

66. Orzo, ziti, and penne are types of what food product?

A: **pasta** (accept: **noodles, pasta shapes**)

67. With seven appearances, what actor has portrayed James Bond in the most films, including *The Spy Who Loved Me* and *Moonraker*?

A: Roger **Moore**

68. What country is home to Hublot, Patek Philippe, and Omega, among many other luxury watchmakers?

A: **Switzerland**

69. What is the most common papal name in history?

A: **John**

70. What term refers to converting an object of one data type into another data type in programming?

A: type **casting**

71. Queen Elizabeth II passed away in what Scottish castle?

A: **Balmoral** Castle

72. *And Still I Rise* is a poetry collection by what author of *I Know Why the Caged Bird Sings*?

A: Maya **Angelou**

73. What can be bought using one wool, one ore, and one grain in *Settlers of Catan*?

A: **development card** (prompt on: **card**)

74. Kings of the Wangchuk dynasty ruled what country, nicknamed the Land of the Thunder Dragon?

A: **Bhutan**

75. Who painted a farmer holding a pitchfork beside his daughter in *American Gothic*?

A: Grant **Wood**

FOURTH QUARTER

Jackpot

76.

Part 1: What word titles a 2015 film in which aliens abduct 50 humans and force them to play a game in which they secretly vote to execute one person every two minutes?

Part 2: In a 2017 film titled for this word, a customer support agent played by Emma Watson attempts to expose the shady dealings of the titular social media company.

Part 3: In a reality show titled for this word, contestants are eliminated via "blockings" determined by "influencers."

Part 4: This word titles a Netflix reality show where players create either "authentic" or "catfish" social media profiles to try to become the most popular player in the title social media group.

A: the **circle**

Streak

80. Name up to all of the first six books of the New Testament.

A: Book of/Gospel of/Gospel according to **Matthew**
Book of/Gospel of/Gospel according to **Mark**
Book of/Gospel of/Gospel according to **Luke**
Book of/Gospel of/Gospel according to **John**
Acts of the Apostles (accept: Book of **Acts**)
Epistle/Letter of Paul to the **Romans**

Set of 4: Hippies

83. In what year did the Summer of Love take place, two years before the Woodstock festival?

A: **1967**

84. What alliterative name is given to the flared pants associated with hippie fashion?

A: **bell bottoms**

85. The Beatles song "Lucy in the Sky with Diamonds" is often believed to allude to what hallucinogenic drug popular in the 1960s and 70s?

A: **LSD** (accept: **acid**)

86. What rhyming slogan originated during anti-Vietnam War protests, and in its literal incarnation involved confronting riot police with daffodils and roses?

A: **flower power**

14-Part Blitz

87. A surface that allows light to pass through but clouds images is described by what word?

A: **translucent**

88. What is the latest model of PlayStation?

A: PlayStation **5** (accept: PS**5**)

89. What is the name of Joy's all-powerful alter ego in *Everything Everywhere All At Once*?

A: **Jobu Tupaki** (accept either underlined part)

90. Originating from an essay by Roland Barthes ["bart"], what literary concept proposes that works should be read without considering the creator's intentions, and instead by drawing one's own insight and meanings from the story?

A: the **death of the author**

91. What kind of discontinuity generally occurs when the numerator and denominator of a rational function have a common factor?

A: **hole** (accept: **removable** discontinuity)

92. A white cross and four white snakes on a blue background describes the civil ensign of what French overseas collectivity?

A: **Martinique**

93. Per person, per category, per institution, the CDIC insures Canadians' deposits of up to how many dollars?

A: **\$100,000**

94. The tawny frogmouth is a nocturnal type of what animal?

A: **bird**

95. What type of oven was created by Norman Shapiro while working for Kenner, and is currently made by Hasbro?

A: **Easy-Bake** Oven

96. What country duo is known for the song "Tequila" and for collaborating with Justin Bieber on "10,000 Hours"?

A: **Dan and Shay**

97. What form of counted-thread embroidery is made using "X"-shaped stitches, often with the help of an embroidery hoop?

A: **cross-stitching** (reject partial answers)

98. 26% of the population of what Canadian community are of Icelandic ancestry, the most of any city outside of Iceland?

A: **Gimli**

99. Cherry, pistachio, and either chocolate or vanilla are the three flavours of what kind of gelato?

A: **spumone** (accept: **spumoni**)

100. *Animal Liberation* and "Famine, Affluence and Morality" are works by what utilitarian Australian philosopher?

A: Peter **Singer**