



2022-23 High School Championship (T3) – Pack 12

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PACK 12

FIRST QUARTER

4-Part Blitz

1. Brendan Fraser won the Best Actor Oscar for his portrayal of a morbidly obese teacher in what 2022 movie?

A: *The **Whale***

2. What alloy is often used for jewelry, trophies, and artwork because it resembles gold when its copper content is high?

A: **brass**

3. In 2022, what actress made her Broadway return as Fanny Brice in *Funny Girl*, which was also the dream role of the character she portrayed on *Glee*?

A: Lea **Michele** Sarfati

4. Which group on the periodic table often bonds with halogens, forming compounds like potassium bromide and table salt?

A: **alkali metals** (accept: group **1**) (reject: alkaline earth metals) (reject partial answers)

Jackpot

5.

Part 1: Who was responsible for a photograph of Michaela Bercu ["BUR-koo"] wearing jeans and a black sweater bejeweled with a cross?

Part 2: A character based on this person delivered a famous speech about a cerulean sweater.

Part 3: This person is the Chief Content Officer of Condé Nast. Meryl Streep played Miranda Priestly, a character based on this woman.

Part 4: Known for her trademark bobbed hair and sunglasses, this woman has been the editor-in-chief of *Vogue* since 1988.

A: Anna **Wintour** ["winter"]

Set of 4: Young Adult Novels

9. The protagonist Q attempts to find his lost love Margo Roth Spiegelman in what John Green novel, which is named after imaginary settlements mapmakers add to thwart plagiarism?

A: **Paper Towns**

10. What 2017 novel sees 16-year-old Starr Carter become an activist for racial justice after her friend Khalil is shot by the police?

A: **The Hate U Give**

11. What Jesse Andrews novel sees amateur filmmaker Greg Gaines attempt to comfort a childhood friend who has since been diagnosed with leukemia?

A: **Me and Earl and the Dying Girl**

12. *Speaker For the Dead* and *Xenocide* are among the sequels to what science fiction novel by Orson Scott Card?

A: **Ender's Game**

Set of 4: Wonders of the World

13. In what city did Ptolemy II commission a great lighthouse?

A: **Alexandria**

14. Olympia was home to a bronze statue of what Greek god of the sky?

A: **Zeus**

15. Finished in 1976, what was Canada's only entry on the American Society of Civil Engineers' 1994 list of the Seven Wonders of the Modern World?

A: **CN Tower**

16. What building, commissioned by Shah Jahan as a mausoleum for his wife, was declared one of the New 7 Wonders of the World in 2001 and is located at Agra in India?

A: **Taj Mahal**

Double Jumps

17. Slogans such as "maîtres chez nous" ["MEH-truh shay noo"] are most associated with what period of Quebec's history?

A: the **Quiet Revolution**

18. During the Quiet Revolution, infrastructure megaprojects such as Manic-1 and Manic-2 were taken on by what newly-nationalized crown corporation?

A: **Hydro-Québec**

19. Named for a ducal ["DOO-kull"] manor in Gloucestershire ["GLOSS-ter-shur"], what racquet sport features players hitting a shuttlecock over a net?

A: **badminton**

20. Which European country has been the most successful non-Asian badminton team at the Olympic Games, winning 9 medals since the sport's introduction in 1992?

A: **Denmark**

Set of 5

21. What composer wrote the violin piece *Introduction and Rondo Capriccioso* and the cello piece known as "The Swan"?

A: Camille **Saint-Saens**

22. "The Swan" is included in what orchestral work by Saint-Saens?

A: *The **Carnival of the Animals*** (accept: *Le **Carnaval des animaux***)

23. A harp playing a D twelve times to represent midnight, followed by a violin playing a tritone, opens what other work by Saint-Saens?

A: **Danse Macabre**

24. Saint-Saens used what instrument to represent skeletons in his *Danse Macabre* and to represent fossils in *The Carnival of the Animals*?

A: **xylophone**

25. Saint-Saens wrote five concertos for what instrument, which unusually has a "four-hands" part in his *Organ Symphony*?

A: **piano**

SECOND QUARTER

Splits: Literary Antagonists & Flowers

Literary Antagonists

26. Emerging after his host begins taking a serum, what violent persona inhabits the body of Dr. Henry Jekyll?

A: Mr. **Edward Hyde** (accept either underlined part)

27. Who falsely claims credit for winning the Battle of the Cowshed and becomes the totalitarian leader of Animal Farm?

A: **Napoleon**

28. Who punishes defiant patients with electroshock therapy and lobotomies in her role as head of a psychiatric ward?

A: Nurse **Mildred Ratched** (accept either underlined part)

29. Who is the abusive father of Mayella in *To Kill a Mockingbird*?

A: **Robert "Bob" Ewell** (accept either underlined part) (prompt on: Ewell)

Flowers

30. What type of flower grows facing east due to engaging in heliotropism before reaching maturity?

A: **sunflowers**

31. What type of modified leaves surround the reproductive parts of flowers?

A: **petals**

32. The stamen produces what substance?

A: **pollen**

33. What genus of giant parasitic flowers from Southeast Asia smell like rotting flesh?

A: **Rafflesia**

Set of 3: RPGs

34. In a gaming context, what does "RPG" stand for?

A: **role-playing games**

35. Dave Arneson and Gary Gygax ["GHY-gaks"] created what ubiquitous tabletop RPG that the d20 system was designed for?

A: **Dungeons and Dragons** (accept: **D&D**)

36. Originally created by Interplay and now owned by Bethesda, in what RPG series do players traverse the post-nuclear wasteland of the United States?

A: **Fallout**

Set of 4: Napoleon

37. Napoleon was born on what large island southeast of mainland France?

A: **Corsica**

38. What 1805 land battle was the deciding victory for Napoleon in the War of the Third Coalition and led to the dissolution of the Holy Roman Empire?

A: Battle of **Austerlitz** (accept: Battle of the **Three Emperors**)

39. What south Atlantic island was Napoleon exiled to after losing the battle of Waterloo?

A: **Saint Helena**

40. Napoleon arrested two popes who both had what name, which was also the name of the pope who served during World War Two?

A: **Pius**

Double Jumps

41. Who starred in the mockumentary *Popstar: Never Stop Never Stopping* and played Jake Peralta on *Brooklyn Nine-Nine*?

A: Andy **Samberg**

42. Since 2013, Samberg has been married to what singer-songwriter and classically-trained harpist? She is known for albums like *Ys* ["eess"] and *Have One On Me*.

A: Joanna **Newsom**

43. Since September of 2022, what country has seen widespread internet blackouts and the deaths of hundreds of civilians during nationwide anti-hijab protests?

A: **Iran**

44. The protests in Iran were precipitated by what 22-year-old woman's death in police custody?

A: Mahsa **Amini** (accept: Jina **Amini**)

Linked Set of 6

45. What force gets its name because it is directed perpendicular to the surface of contact of two objects?

A: **normal** force

46. Schools for training in what profession were traditionally called normal schools?

A: **teaching** (accept: **teachers**, **educators**, **educating**, **education**)

47. "Everybody screamed" when the female members of what band "kissed the teacher" according to a song from their 1976 album *Arrival*?

A: **ABBA**

48. What royal title is held by a character who is "young and sweet, only seventeen" in an ABBA song?

A: Dancing **Queen**

49. What city on Lake Ontario was the first capital of the United Province of Canada and is home to Queen's University?

A: **Kingston**

50. What country has its capital at a city named Kingston?

A: **Jamaica**

THIRD QUARTER

Splits: American Religions & Programming

American Religions

51. Nephites and Lamanites appear in what religious text, which nicknames a denomination of Christianity that is headquartered in Utah?

A: **Book of Mormon**

52. Gold Base is the headquarters of what religious organization, whose beliefs derive from books like *Dianetics* by L. Ron Hubbard?

A: Church of **Scientology**

53. A book subtitled "Key to the Scriptures" by Mary Baker Eddy outlines the beliefs of what denomination of Christianity?

A: **Christian Science** (accept: **Church of Christ, Scientist**)

54. What religion believes that Wallace Fard Muhammed will soon return aboard the Mother Ship to create a utopia on Earth?

A: **Nation of Islam** (reject: Islam)

Programming

55. An index and what symbol are used in Python's list slice operator?

A: **colon**

56. What Boolean operator returns true if the two inputs are different?

A: **XOR** ["ex or"] (accept: **exclusive or**) (reject: OR)

57. Called by using the "new" keyword in Java, what sort of method creates an instance of an object?

A: **constructor**

58. What is 3 star star 4 equal to in Python?

A: **81**

Set of 3

59. Who wrote the *Divine Comedy*, which includes the *Inferno*?

A: **Dante Alighieri** (accept either underlined part)

60. What is the setting for the second part of the *Divine Comedy*, in between *Inferno's* Hell and *Paradiso's* Heaven?

A: **Purgatory** (accept: **Purgatorio**)

61. Name any of the three people whose punishment in the *Inferno* is being chewed in Satan's mouth for their treachery in life.

- A: **Judas Iscariot** (accept either underlined part)
OR Marcus Junius **Brutus**
OR Gaius **Cassius** Longinus

Jailbreak

62. Approximately 5,730 years for the isotope carbon-14, what term refers to the time it takes for 50% of an original sample to decay?

- A: **half-life**

63. How many players from the fielding team are on the field at once in baseball?

- A: **nine**

64. What DJ collaborated with Grey on the song "Adrenaline", Foxes on "Clarity", and Maren Morris on "The Middle"?

- A: **Zedd** (accept: Anton **Zaslavski**)

65. What palindrome meaning "relating to a city" is also the name of a car made by Honda?

- A: **civic**

66. What type of verb accepts an object, such as "kick" in "I kick the ball"?

- A: **transitive** verb

67. What country sits partially on a series of 3,000 polders, the result of a long-running project to reclaim land from the sea?

- A: The **Netherlands** (accept: **Holland**)

68. Variants of "The Last Dab" are sampled in what web series where Sean Evans interviews celebrities over a meal of extremely spicy chicken wings?

- A: **Hot Ones**

69. What is the highest degree of polynomial equation whose roots can be found using a general formula?

- A: **fourth** degree (accept: **quartic** equation)

70. In English phonetics, what term refers to an unstressed neutral vowel, denoted by an upside-down lowercase e?

- A: **schwa**

71. What homophone pair can mean an established body of knowledge or works, a musical piece in which voices enter at different times to play the same melody, or artillery?

- A: **cannon** OR **canon**

72. What fictional character's catchphrases include "Don't have a cow, man", "Eat my shorts", and "Ay, caramba!"?

- A: **Bart** Simpson (prompt on: **Simpson**)

73. What painter of *The Jack Pine* was a major influence on the Group of Seven?

A: Tom **Thomson**

74. What is the longest river entirely in France?

A: **Loire** River

75. What baked good's name comes from the Italian for "twice cooked"?

A: **biscotti** (accept: **biscotto**)

FOURTH QUARTER

Jackpot

76.

Part 1: Whose half brother Odo was prosecuted at the Trial of Penenden Heath?

Part 2: To root out supporters of Edgar Ætheling ["ATH-uh-ling"], this person enacted a vicious campaign known as the Harrying of the North.

Part 3: This person commissioned the Domesday ["DOOMS-day"] Book to determine what taxes they were owed in the holdings they took from Harold Godwinson.

Part 4: This person won the Battle of Hastings and became the first Norman king of England.

A: **William I** (accept: **William the Conqueror**, **William the Bastard**)
(prompt on: **William**)

Streaks

80. Name up to all four of the world capitals traversed by the Danube River.

A: **Vienna**
Budapest
Belgrade
Bratislava

82. Corresponding to the NATO codes OF-6 through OF-9, name up to all of the four highest officer ranks in the Canadian army.

A: **General**
Lieutenant-General ["lef-TEN-ent general"]
Major-General
Brigadier-General

Set of 3: Counting

84. Consisting of several rows of slidable beads, what ancient calculating device was widely used before the adoption of the Arabic numeral system?

A: **abacus**

85. What kind of venue could you get thrown out of if you get caught counting cards?

A: **casino**

86. What animals might one count in order to go to sleep?

A: **sheep**

14-Part Blitz

87. Which Canadian province is the most densely populated?

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

88. What is the French word for "census"?

A: **recensement** (accept: **dénombrement**)

89. $N_1 \sin \theta_1 = N_2 \sin \theta_2$ is a formulation of what law?

A: **Snell's** law

90. What Latin phrase titles a painting depicting a group of shepherds gathering around an austere tomb, painted by Nicolas Poussin?

A: **Et in Arcadia Ego**

91. Give either homophonous name of a French meat or vegetable stew and an Italian meat sauce, often made "alla bolognese".

A: **ragout** OR **ragu**

92. Actress Maya Rudolph starred in a 2023 Super Bowl ad campaign for what Mars-produced confectionery known for its anthropomorphic "spokescandies"?

A: **m&m's**

93. What term refers to descriptive text that accompanies an image in HTML, often added for accessibility reasons?

A: **alt** text (accept: **alternative** text)

94. What team drafted Julio ["HOO-lio"] Jones and blew a 28-3 lead against the New England Patriots in Super Bowl 51?

A: **Atlanta Falcons** (accept either underlined part)

95. What is the atomic number of potassium?

A: **19**

96. Sam Bankman-Fried was the founder of what Bahamas-based cryptocurrency exchange that collapsed in late 2022?

A: **FTX** Trading (accept: **Futures Exchange**)

97. What two animals are listed in the title of a 2000 wuxia ["WOO-shyah"] film directed by Ang Lee?

A: crouching **tiger** AND hidden **dragon**

98. What word for "peace" is commonly used as a greeting by Arabic speakers?

A: **salaam**

99. The first African-American to earn a doctorate at Harvard, what sociologist and activist wrote *The Souls of Black Folk*?

A: W.E.B. **Du Bois**

100. Who plays the title role on *Ted Lasso*?

A: Jason **Sudeikis**