



2022-23 Post-Secondary Season Opener (T1) – Pack 1

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PACK 1

FIRST QUARTER

6-Part Blitz

1. Express the number 54 in Roman numerals.

A: **LIV**

2. What word is a unit of measurement for magnetic field strength and is also the name of Elon Musk's car company?

A: **Tesla**

3. Before the spread of the Latin alphabet, most Germanic languages were written with letters known by what name?

A: **runes** (accept: **runic**)

4. What power law relates the period and radius of a planet in uniform circular motion around a star?

A: **Kepler's third** law (prompt on partial answers)

5. What imaginary elephant-like creature appears in the nightmares of Piglet and Winnie the Pooh?

A: **heffalumps**

6. What 2004 first person shooter by Ubisoft has spawned 5 main series sequels as well as spin-offs called *Primal* and *New Dawn*?

A: **Far Cry**

Set of 4: The Number Nine

7. What term refers to a striker who plays closer to the midfield rather than the opposing goal, for the purpose of drawing the defenders out of position?

A: **false nine**

8. What author described a frozen lake with traitors trapped in the ice in the ninth circle of hell, in his *Divine Comedy*?

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

9. What object did Odin hang himself from for nine days to gain knowledge of the runes? It is a tree surrounded by the nine worlds.

A: **Yggdrasil** (prompt on: the world tree)

10. While serving as director of the National Conservatory of Music of America in the 1880s, who composed his ninth symphony with the subtitle "From the New World"?

A: Antonin **Dvorak** ["dvor-ZHAK"]

Streaks

11. Not including the upcoming Map 5, name up to all four of the maps in *Among Us*.

A: The Skeld, MIRA HQ, Polus, The Airship

13. Name up to all four of the major bones of the leg in humans.

A: femur, patella, tibia, fibula

Jackpot

15.

Part 1: What fictional character is able to escape unscathed from an attack in part due to wearing a costume with a chicken-wire frame?

Part 2: This character starts a fight with Walter Cunningham before being reluctantly persuaded to invite him to dinner.

Part 3: In one scene, this character is scolded at school for knowing how to read. Her best friend is Dill, whom she expects to marry someday.

Part 4: This character lives in Maycomb, Alabama with her family's cook, Calpurnia; her brother, Jem; and her father, Atticus.

A: Jean Louise "Scout" Finch (accept either underlined part) (prompt on: Finch)

Set of 4: Canadiana

18. In 1670, what territory did King Charles II grant to the Hudson's Bay Company?

A: Prince Rupert's Land

19. Who was accused by John Diefenbaker of having said "What's a million?" in 1945, while he was known as the "Minister of Everything"?

A: C.D. Howe (accept: Clarence Decatur Howe)

20. The city of Lévis ["lay-VEE"] is found across the river from what larger city home to Laval University and the Chateau Frontenac?

A: Quebec City

21. In 2022, Canada and Denmark settled a long-running, but mostly friendly, border dispute over what island?

A: Hans Island

4-Part Blitz

22. What program allows pre-approved, low-risk travelers to more quickly cross the border between the U.S. and Canada?

A: **NEXUS**

23. "Leaves of three, let them be" is a saying used to warn against what irritating plant?

A: **poison ivy** (reject partial answers)

24. Who was assassinated in Nara on July 8, 2022?

A: Shinzo **Abe** (accept: **Abe** Shinzo)

25. What salad consists of tomatoes, mozzarella, and basil, seasoned with olive oil and salt?

A: **caprese** salad

SECOND QUARTER

Splits: *The Lion King* & Spelling City Names

The Lion King

26. What song begins the movie, with an iconic Zulu opening?

A: **"Circle of Life"**

27. What is the name of the rock formation in which Simba's family lives, and which is the gathering point for their society?

A: **Pride** Rock

28. What comedic movie shows the story of *The Lion King*, as well as other events, from the perspective of Timon ["Ti-MONE"] and Pumbaa ["POOM-buh"]?

A: *The Lion King* **1 ½**

29. The plot of *The Lion King* was inspired by which Shakespearean play?

A: **Hamlet**

Spelling City Names

Omit any diacritics.

30. It is the Norwegian municipality that served as host of the 1994 Winter Olympics: spell Lillehammer.

A: **L-I-L-L-E-H-A-M-M-E-R**

31. It is the common name for the most populous suburb of greater Mexico City: spell Ecatepec ["ek-at-ep-EK"].

A: **E-C-A-T-E-P-E-C**

32. It was home to a Union Carbide pesticide plant which saw a deadly chemical disaster in 1984: spell Bhopal ["bo-PAAL"].

A: **B-H-O-P-A-L**

33. It is the largest city in Slovenia, as well as its capital: spell Ljubljana.

A: **L-J-U-B-L-J-A-N-A**

Set of 4: Feet

34. What disease caused by an aphthovirus most commonly affects farm animals?

A: **foot-and-mouth** disease (accept: **hoof-and-mouth** disease, **F.M.D.**, **H.M.D.**) (reject: hand, foot, and mouth disease)

35. A square yard equals how many square feet?

A: **9**

36. What retail chain is known for having employees dressed as referees?

A: **Foot Locker**

37. In what country was footbinding common until its gradual abolition throughout the first half of the 20th century?

A: **China**

Deep Dive

38. From the 1st century B.C. to the middle of the 7th century A.D., the kingdoms of Silla, Baekje ["bekch"], and Goguryeo dominated what peninsula?

A: **Korean** peninsula

The remaining questions deal with the history of Korea.

39. Joseon Dynasty king Sejong the Great is credited with the creation of what Korean writing system?

A: **Hangul**

40. Despite usually being outnumbered, what admiral repeatedly defeated Japanese invaders during the Imjin War using fleets of turtle ships?

A: Admiral **Yi** Sun-Sin (accept: Admiral Sun-Sin **Yi**)

41. Established at the end of the Korean War, what region demarcates the border between North and South Korea?

A: **Demilitarized Zone** (accept: **D.M.Z.**)

42. What anti-communist dictator was the first president of independent South Korea?

A: Syngman **Rhee**

Set of 4: Greek Letters

The answer to every question will be a Greek letter.

43. Which letter represents a vector meson formed by a strange quark and a strange antiquark?

A: **phi**

44. Equal to the square root of the population variance, which letter is used to represent the population standard deviation?

A: **sigma**

45. In November 2021, South Africa was the site of the first recorded instance of what COVID variant?

A: **omicron**

46. United Airlines, American Airlines, and what other airline are the "Big 3" in the United States?

A: **Delta** Airlines

4-Part Blitz

47. What actress is mentioned in both "Riptide" by Vance Joy and "Uptown Funk" by Mark Ronson?

A: Michelle **Pfeiffer**

48. What country's name can be a synonym for porcelain?

A: **China**

49. What word referred to the large public square and marketplace of a Roman city or village?

A: **forum**

50. On Christmas Day 2021, NASA launched what successor to the Hubble Space Telescope?

A: James **Webb** Space Telescope (accept: J.**W.S.T.**)

THIRD QUARTER

Splits: Canadian Sports & Oceans

Canadian Sports

51. Toronto's M.L.S., N.B.A., C.F.L. and N.H.L. teams, as well as the Scotiabank Arena, are all owned by what massive company?

A: **Maple Leafs Sports and Entertainment** (accept: **M.L.S.E.**)

52. Before the Redblacks, what was Ottawa's C.F.L. team from 2002 to 2006?

A: Ottawa **Renegades**

53. Which league of the C.H.L. has six teams in the Maritimes?

A: **Quebec Major Junior Hockey** League (accept: **QMJHL**)

54. What team did the Blue Jays defeat in the Divisional Series in 2015 and 2016?

A: **Texas Rangers** (accept either underlined part)

Oceans

55. What two main factors determine the density of ocean water?

A: **temperature** (prompt on: heat) AND **salinity** (accept: **saltiness**, **salt** content)

56. Iceland is an above-ground portion of what tectonic feature in the Atlantic Ocean?

A: **Mid-Atlantic Ridge**

57. Most of the International Date Line runs through which ocean?

A: **Pacific** Ocean

58. From the Greek for "all sea", what was the name of the superocean surrounding Pangaea?

A: **Panthalassa** (accept: **Panthalassic** Ocean)

Double Jumps

59. Creating an elixir of immortality and transmuting base metals into gold were two of the primary aims of what protoscientific discipline?

A: **alchemy** (accept word forms)

60. What name did alchemists give to a mixture of nitric and hydrochloric acid, typically in a 1:3 molar ratio, because it can dissolve noble metals such as platinum and gold?

A: **aqua regia**

61. What was the primary instrument played by Geddy Lee in Rush and Paul McCartney in the Beatles?

A: electric **bass** (accept: **bass** guitar) (reject: guitar, double bass, upright bass)

62. Sharing his name with a naval commander, who played bass for Led Zeppelin?

A: John Paul **Jones**

63. What is the main colour used in the paintings *Portrait of Suzanne Bloch* and *The Old Guitarist*, by Pablo Picasso?

A: **blue**

64. Considered among the most important works of his blue period, what Picasso painting depicts a naked couple confronting a mother with a child in her arms?

A: *La **Vie*** (accept: *The **Life***)

65. What lake lies on the northern shore of the Upper Peninsula and has the largest area of any freshwater lake in the world?

A: Lake **Superior**

66. Along with Superior, Wisconsin, what city in Minnesota forms the "Twin Ports" at the far western end of Lake Superior?

A: **Duluth**

Set of 3: Thirds

67. What narrative perspective does not rely on the existence of the narrator as a character?

A: **third-person** narration (accept: **third-person limited**, **third-person omniscient**)

68. What term originally described countries that were not in either NATO or the Warsaw Pact, but has since come to refer to any impoverished country?

A: **Third-World** country

69. What is the nickname of Ludwig van Beethoven's Third Symphony, originally dedicated to Napoleon?

A: **Eroica** Symphony (accept: **Heroic** Symphony)

Linked Set of 6

70. In *Cinderella*, what kind of plant does the Fairy Godmother turn into a carriage to take Cinderella to the ball?

A: **pumpkin**

71. Who is the titular main character of an animated television special about the Great Pumpkin?

A: **Charlie Brown** (accept either underlined part)

72. Along with seven other schools, Brown University is a member of what elite academic group?

A: **Ivy League**

73. Which Major League Baseball park has brick outfield walls covered in ivy?

A: **Wrigley** Field

74. What product is manufactured by the Wrigley Company?

A: chewing **gum**

75. Excessive plaque can lead to what disease, which causes swelling of the gums and can progress to periodontitis?

A: **gingivitis**

FOURTH QUARTER

4-Part Blitz

76. In English, how many syllables are in a haiku?

A: **17**

77. What sort of animals defend against Bloons in a tower defence game?

A: **monkeys** (reject: apes)

78. What philosopher is known for *A Vindication of the Rights of Woman*?

A: Mary **Wollstonecraft**

79. How many distinct notes are in a whole-tone scale?

A: **six**

Set of 3: Hypocrites

80. Who called himself “the biggest hypocrite of two thousand fifteen” in his song “The Blacker the Berry”?

A: Kendrick **Lamar** (accept: Kendrick Lamar **Duckworth**) (prompt on: Kendrick)

81. Who told a hypocrite to “first take the log out of your own eye, then you will see clearly to take the speck out of your brother’s eye”?

A: **Jesus Christ** (accept either underlined part)

82. Who addressed the “hypocrite reader, my double, my brother” in the foreword to his poetry volume *The Flowers of Evil*?

A: Charles **Baudelaire**

Jackpot

83.

Part 1: An informal rule for the proper positioning of what things was created by Siegbert Tarrasch?

Part 2: These pieces are especially powerful if they reach the 7th rank, or if they are on an open file. Two of them can align to form a battery.

Part 3: A player who trades one of these pieces for a less-valuable one is said to have “sacrificed the exchange”.

Part 4: One of these pieces is often said to be worth five pawns. These pieces start the game in the four corners of the chess board.

A: **rooks** (accept: **castles**) (prompt on: chess pieces on Part 1 only)

Set of 3: Stranger Things

86. What fictional Indiana town is the setting of the first three seasons of *Stranger Things*?

A: **Hawkins**

87. What song was used as a motif for Max in Season 4, causing it to become the first U.S. Top 10 hit for Kate Bush?

A: **“Running up that Hill (A Deal with God)”**

88. What monster kills Will’s Dungeons and Dragons character shortly before he vanishes in real life, and is the principal monster in season 1?

A: **Demogorgon** (reject partial answers)

12-Part Blitz

89. Who burnt his boats to prevent his soldiers from retreating before he began his conquest of the Aztec Empire?

A: Hernan **Cortés**

90. Two methyl groups attached to a carbonyl is the chemical structure of what organic compound, the primary component of nail polish remover?

A: **acetone**

91. Who co-founded Twitter and was its C.E.O. until 2021?

A: Jack **Dorsey**

92. What is the last digit of 11 factorial?

A: **0**

93. The concept of universal balance known as *ma'at* is found in what myth system?

A: **Egyptian** mythology

94. In which American state is Fort Knox located?

A: **Kentucky**

95. In what city would one find Michelangelo's *David*?

A: **Florence**

96. Table, sea, kosher, and Himalayan pink are all types of what?

A: **salt**

97. To the nearest degree Celsius, at what temperature is water densest?

A: **4** degrees Celsius

98. Refracting and reflecting are the two main optical types of what device, whose first major users in science were Galileo and Newton, respectively?

A: **telescope**

99. What country contains the Thar desert, the Western and Eastern Ghats, the Deccan plateau, and the Ganges river?

A: **India**

100. What clothing brand's logo consists of white and red rectangles with blue bars above and below?

A: **Tommy Hilfiger**