



2023 Summer Open (T3) – Pack 11

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PACK 11

FIRST QUARTER

4-Part Blitz

1. Bloomsday is an annual celebration of the life and work of what author?
A: James **Joyce**
2. What part of the body does rhinitis affect?
A: **nose**
3. Who played a child psychologist in *The Sixth Sense* and John McClane in the *Die Hard* movies?
A: Bruce **Willis**
4. What does DLC stand for in a video game context?
A: **downloadable content**

Jackpot

- 5.
- Part 1: What letter can be added to a word meaning circuitous and indirect to get a word meaning excruciating?
- Part 2: This letter can be added to a word meaning to walk leisurely to get a word meaning to speak aimlessly and at length.
- Part 3: This letter can be added to a word meaning to cry loudly to get a word meaning to fight roughly or noisily.
- Part 4: This letter can be added to something you might use to carry groceries to get a word meaning to boast.
- A: **R** (tortuous to torturous, amble to ramble, bawl to brawl, bag to brag)

Set of 4

9. What semi-enclosed body of water is home to the Magdalen Islands and Prince Edward Island?
A: **Gulf of St. Lawrence** (prompt on: St. Lawrence)
10. With a population of only 218 people, what largest island in Quebec is located in the Gulf of St. Lawrence?
A: **Anticosti** Island

11. What northern outlet of the Gulf of St. Lawrence separates Newfoundland from Labrador?

A: **Strait of Belle Isle**

12. Chaleur Bay is an arm of the gulf that separates New Brunswick from what large peninsula in Quebec?

A: **Gaspé** Peninsula (accept: **Gaspesia**, **Gaspésie**)

Set of 4: "B" Artists

13. "Credeasi, misera" in the opera *I Puritani* and "Casta Diva" in the opera *Norma* are two of the best known arias by which *Bel Canto* composer?

A: Vincenzo **Bellini**

14. What painter developed the Cubist movement in the early 20th century alongside Pablo Picasso?

A: Georges **Braque**

15. Who depicted a goddess standing atop a scallop shell in *The Birth of Venus*?

A: Sandro **Botticelli**

16. In 2018, who shredded his painting *Girl with Balloon* in its frame immediately after it sold at auction for over one million pounds?

A: **Banksy**

Double Jumps

17. The power struggle between siblings Kendall, Roman, and Siobhan ["shi-VON"], and their ailing father Logan, for control of the family company formed the central conflict of what HBO series?

A: **Succession**

18. What Scottish actor played patriarch Logan Roy on *Succession*? He was also the first actor to play Hannibal Lecter on film in 1986's *Manhunter*.

A: Brian **Cox**

19. The titular king of Ithaca attempts to return to his son Telemachus and wife Penelope in what epic poem set after the Trojan War?

A: **Odyssey**

20. Odysseus spends seven years of his 10-year journey trapped on what island, where the nymph Calypso promises him immortality?

A: **Ogygia**

Set of 5: Henries

21. The 1973 Nobel Peace Prize was awarded to what man for helping negotiate a ceasefire in Vietnam?

A: Henry **Kissinger**

22. What country saw the War of the Three Henrys?

A: **France**

23. What physical quantity is measured in henries?

A: **inductance**

24. Peter Quint's ghost haunts Mrs. Grose in what novel by Henry James?

A: *The **Turn of the Screw***

25. Which King of England dissolved the monasteries and founded the Church of England?

A: Henry **VIII**

SECOND QUARTER

Splits: New York City & The Solar System

New York City

26. In feet, how tall is the tallest building in New York City, One World Trade Center?

A: **1776** feet

27. The intersection of 7th Avenue, 42nd Street, and Broadway is the location of what plaza?

A: **Times Square**

28. New York's Penn Station is located below what arena, home to the Knicks and the Rangers?

A: **Madison Square Garden** (accept: **MSG**)

29. The Apollo Theater is in what neighbourhood of Upper Manhattan, which had a large Black majority for most of the 20th century?

A: **Harlem**

The Solar System

30. How many planets in the solar system are ice giants?

A: **two**

31. The fact that Neptune completes three orbits around the Sun during the time it takes Pluto to complete two is an example of the "orbital" form of what phenomenon?

A: **resonance**

32. What is the largest dwarf planet in the solar system?

A: **Pluto**

33. Which two planets in the solar system have no known moons?

A: **Mercury** AND **Venus**

Set of 3: Animals in Music

34. What traditional song about the son of a gambler in New Orleans was most famously recorded by The Animals?

A: **"House of the Rising Sun"**

35. "Dogs", "Pigs (Three Different Ones)", and "Sheep" are the three main tracks on what band's 1975 album *Animals*?

A: **Pink Floyd**

36. What song's chorus opens "Sometimes all I think about is you", and is by far the highest charting song by Glass Animals?

A: **"Heat Waves"**

Set of 4: Metals

37. What name is given to the metals that occupy the d-block in the centre of the periodic table?

A: **transition** metals

38. What alkaline earth metal reacts with titanium tetrachloride to produce pure titanium in the Kroll process, and is also found in every Grignard ["GREEN-yard"] reagent?

A: **magnesium** (accept: **Mg**)

39. What metal is found in cementite, austenite, and ferrite, which are all phases of steel?

A: **iron** (accept: **Fe**)

40. What "L"-word names the ions or molecules surrounding a central metal atom in coordination complexes?

A: **ligands**

Double Jumps

41. What country was the origin of the high-altitude balloon shot down by the US Air Force off the coast of South Carolina in February?

A: **China**

42. The operation marked the first-ever time that what fighter plane shot down an enemy aircraft?

A: Lockheed Martin **F-22** Raptor

43. Consisting of a soma, dendrites, and an axon, what term refers to a nerve cell?

A: **neuron**

44. Also referred to as nerve impulses, what two-word phrase is given to the rapid depolarization and repolarization of the neuron as an electrical signal travels along the axon?

A: **action potential**

Linked Set of 6

45. The main characters of *The Big Lebowski* compete at what game?

A: ten-pin **bowling**

46. What is the maximum achievable score in a game of ten-pin bowling?

A: **300**

47. What empire's forces were stalled by a force of 300 Spartans and 700 Thespians at Thermopylae?

A: **Persian** Empire (accept: **Achaemenid** Empire)

48. Until being replaced by Islam after the Muslim conquest, what was the state religion of the Persian Empire?

A: **Zoroastrianism**

49. What movie begins with a shot of planets rising in alignment set to Richard Strauss's "Thus Spoke Zarathustra"?

A: **2001: A Space Odyssey**

50. How many airplanes were hijacked by Al Qaeda on September 11th, 2001?

A: **four**

THIRD QUARTER

Splits: Beef & Canals

Beef

51. Literally meaning “fire meat”, what term refers to thin, marinated slices of beef popular in Korea?

A: **bulgogi**

52. What fast food chain was associated with the slogan “Where’s the beef?”

A: **Wendy’s**

53. What expensive cut of steak is taken from the smallest end of the tenderloin?

A: **filet mignon**

54. What dish, whose sauce is a mixture of mustard and sour cream, and often mushrooms, is named for an influential Russian family?

A: beef **stroganoff**

Canals

55. An outbreak of what disease severely hampered the construction of the Rideau Canal, despite Colonel John By’s efforts to eliminate it?

A: **malaria**

56. In what state did Samuel J. Tilden shut down the fraudulent Canal Ring, after they overcharged for repairs on the Erie and other canals?

A: **New York** State

57. Completed under the Sui [“sway”] Dynasty, what is often considered the longest canal in the world, linking the Yellow and Yangtze Rivers?

A: **Grand** Canal

58. What flat-bottomed boats are traditionally used to navigate the canals of Venice?

A: **gondolas**

Set of 3: Fanfiction

59. The Organization for Transformative Works runs what massive ad-free fanfiction website?

A: **Archive of Our Own** (accept: **A03**)

60. What two words are represented by the short form “Y slash N” in reader-point-of-view fanfics?

A: **your name**

61. *Manacled*, *All the Young Dudes*, and *the Methods of Rationality* are all fanfics of what series?

A: **Harry Potter**

Jailbreak

62. What process creates proteins from RNA?

A: **translation**

63. What is the largest city on Vancouver Island?

A: **Victoria**

64. What is the street address of the official residence of the Canadian Prime Minister?

A: **24 Sussex** Drive

65. What holiday is celebrated by songs like “Peter Cottontail” and “Christ the Lord is Risen Today”?

A: **Easter** Sunday (accept: **Easter** Monday)

66. The singer receives the advice, “you’ve gotta know when to hold'em, know when to fold 'em” in what Kenny Rogers song?

A: “The **Gambler**”

67. What Egyptian god was murdered by Set and temporarily revived by his wife Isis in the series of myths that bears his name?

A: **Osiris**

68. In Spanish, where “tu” is the informal word for “you”, what is the formal version?

A: **usted**

69. Name either Canadian city that hosted the 2023 World Junior Ice Hockey Championships.

A: **Halifax** OR **Moncton**

70. The Spiritual Exercises are a set of meditations written by what 16th-century Catholic priest?

A: Ignatius of **Loyola**

71. What type of lizard has Tokay, Crested, and Leopard varieties that are all popular pets?

A: **geckos**

72. What television character is portrayed as a child by Iain Armitage and as an adult by Jim Parsons?

A: **Sheldon Cooper** (accept either underlined part)

73. An abbreviation of the phrase “formula translation” provided the name for what early programming language?

A: **FORTRAN**

74. Because its supply is essentially fixed and the tax would not generate a deadweight loss, Henry George advocated for a tax on what?

A: **land**

75. Generally considered the birthplace of trap music, what city's rap scene has included T.I., Gucci Mane, and Young Thug?

A: **Atlanta**

FOURTH QUARTER

Jackpot

76.

Part 1: In what work does a character stage a performance inspired by the nursery rhyme “Hey Diddle Diddle” centred on a cow in Cyberland who can only drink Diet Coke?

Part 2: This work begins at 9:00 PM on December 21st, when two characters have their power abruptly shut off, and takes place over the course of a year.

Part 3: In this musical's duet, "I Should Tell You," Mimi and Roger confess secrets to one another, but decide to continue their relationship.

Part 4: Based on the opera *La Boheme*, this musical depicts the lives of young artists and activists living with HIV/AIDS.

A: **Rent**

Streaks

80. Name up to all of the prime factors of 345.

A: **3**

5

23

81. Its membership was reduced to 5 after the Houston Astros moved to the AL West. Name up to all five of the teams of the MLB's NL Central Division.

- A: Chicago **Cubs** (prompt on: Chicago)
Cincinnati Reds (accept either underlined part)
Milwaukee Brewers (accept either underlined part)
Pittsburgh Pirates (accept either underlined part)
St. Louis Cardinals (accept either underlined part)

Set of 3: Public Transit

84. Used for most of Canada's current rapid transit projects, what funding model transfers risk away from the government in return for a loss of some future revenue?

- A: **Public-Private Partnerships** (accept: **P3s**, **PPPs**)

85. What type of public transit does the initialism LRT refer to?

- A: **light rail** transit

86. What is the common name of the United States' National Passenger Railroad Corporation?

- A: **Amtrak**

14-Part Blitz

87. Krishna was the charioteer of what central protagonist of the *Mahabharata*?

- A: **Arjuna** (accept: **Partha**, **Dhananjaya**)

88. What alliterative two-word term refers to drivers becoming irate and yelling or honking at other drivers, pedestrians or cyclists?

- A: **road rage**

89. What is the additive identity of the real numbers?

- A: **zero**

90. *By the Sea* and *Paradise* are works by what Tanzanian-British 2021 Literature Nobel Laureate?

- A: Abdulrazak **Gurnah**

91. Before the decimalization of British currency, what coin was worth 12 pence, or one twentieth of a pound?

- A: **shilling**

92. In archaeology, what two-word Latin phrase refers to an artifact that has not been moved from where it was found?

- A: **in situ**

93. Who included "March to the Scaffold" and "Dream of a Witches Sabbath" movements in his *Symphonie fantastique*?

- A: Hector **Berlioz**

94. Under its king Ezana, what African country converted to Christianity in AD 330, and has been officially Christian ever since?

A: **Ethiopia** (accept: Kingdom of **Aksum**)

95. Fatalistic, altruistic, egoistic, and anomic are the four types of what act, according to a book by Émile Durkheim?

A: **suicide**

96. Finnish developer Rovio created what video game whose main characters include a cardinal, canary, and loon?

A: **Angry Birds**

97. What was the former name of Thailand?

A: **Siam**

98. Players shoot each other with guns called "markers" in what team game?

A: **paintball**

99. Often contrasted with erosion, what general process degrades rocks without transporting them?

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

100. "Multi-track drifting" is among the joke solutions proposed to solve what ethical dilemma?

A: **trolley problem**