



2023 Summer Open (T3) – Pack 4

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PACK 4

FIRST QUARTER

4-Part Blitz

1. In computing, what kind of digital circuit is abbreviated ALU?

A: **arithmetic logic unit**

2. What artist lived in Quinta del Sordo and painted the *Black Paintings* on its walls, including *Saturn Devouring His Son*?

A: Francisco de **Goya**

3. What element has allotropes such as buckyballs and graphite?

A: **carbon**

4. What is the largest city on Lake Simcoe?

A: **Barrie**

Jackpot

5.

Part 1: Who wrote a poem about a contemporary massacre of Christians in Bulgaria that implores "Come down, O son of Man! and show Thy might / Lest Mahomet be crowned instead of Thee!"?

Part 2: This person repeatedly wrote that "each man kills the thing he loves" in one work, and noted that "the coward does it with a kiss, the brave man with a sword!"

Part 3: This person used Biblical symbolism to describe injustice that they faced, in a letter to Lord Alfred Douglas that was posthumously given the title *De Profundis*.

Part 4: This Irish writer is best known for his pithy quotations as well as writing "The Ballad of Reading Gaol" ["RED-ing jail"] and *The Picture of Dorian Gray*.

A: Oscar **Wilde**

Set of 4: Peninsulas

9. Napoleon invaded what peninsula in the Peninsular War?

A: **Iberian** Peninsula (accept: **Iberia**)

10. The American cities of Marquette and Sault Ste. Marie ["soo saint ma-REE"] are located on what peninsula south of Lake Superior?

A: **Upper** Peninsula of Michigan (prompt on: **UP**)

11. The 38th parallel north crosses the Demilitarized Zone on what peninsula?

A: **Korean** Peninsula (accept: **Korea**)

12. The Chicxulub ["chik-suh-LOOB"] crater, created by the asteroid that helped cause the extinction of the dinosaurs, is found in and around what peninsula?

A: **Yucatan** Peninsula

Set of 4: Shapes

13. The side length multiplied by three root three over two gives the area of the regular type of what shape?

A: regular **hexagon**

14. Each angle of a regular pentagon measures how many degrees?

A: **108** degrees

15. The lemniscate is a shape used to represent what concept?

A: **infinity**

16. A square and what other regular polygon shape can together tessellate a plane?

A: regular **octagon**

Double Jumps

17. What yearly celebration commemorates a victory at the battle of Puebla, and is more popular in the United States than its original country of Mexico?

A: **Cinco de Mayo**

18. A celebration on what date commemorates the Cry of Dolores and Mexico's Independence?

A: **September 16th**

19. What coffee shop, whose name plays on that of a nearby park, is a common hangout spot for the main characters of *Friends*?

A: **Central Perk**

20. What manager of Central Perk is often jealous of Ross because he has an unrequited crush on Rachel?

A: **Gunther**

Set of 5: Car Logos

Given a description of a car logo, name the brand represented by that logo.

21. A row of four interlocking rings.

A: **Audi**

22. Three red diamonds that meet at the centre to form a triangle.

A: **Mitsubishi**

23. A black horse rearing on a yellow background.

A: **Ferrari**

24. A wide golden cross.

A: **Chevrolet** (prompt on: Chevy)

25. V-shaped wings inside an oval.

A: **Mazda**

SECOND QUARTER

Splits: Animated Movies & Predators

Animated Movies

26. What Disney movie follows the demigod Maui and the titular Polynesian adventurer?

A: **Moana**

27. Set in the town of Portorosso in Italy, what 2021 Pixar movie follows a pair of adolescent sea monsters exploring life on land?

A: **Luca**

28. What blue tang with short-term memory loss is the companion of Marlin in *Finding Nemo*?

A: **Dory**

29. What second film from DreamWorks follows Moses as he leads the Hebrew people out of slavery?

A: *The **Prince of Egypt***

Predators

30. What second-largest Antarctic seal is known for hunting penguins?

A: **leopard** seal (accept: **sea leopard**)

31. During its high-speed dives, what species of bird reaches speeds of over 320 kilometres per hour, making it the fastest member of the animal kingdom?

A: **peregrine** falcon (prompt on: falcon)

32. The red-bellied species of what omnivorous fish gained a fearsome reputation after Theodore Roosevelt described them stripping a cow to its bones during his Amazon basin expedition?

A: **piranhas**

33. What largest species of lizard hunts goats and pigs on its namesake island in Indonesia?

A: **Komodo dragon** (accept: **Komodo monitor**)

Set of 3: Fashion Companies

34. What fashion house created a dress worn to the premiere of *Four Weddings and a Funeral* by Elizabeth Hurley? Its founder was murdered by Andrew Cunanan in 1997.

A: Gianni **Versace**

35. What type of items are the primary product of the company Luxottica?

A: ey**glasses** (accept: **spectacles**, **eyewear**, **sunglasses**)

36. The founder of what fashion house invented the gabardine fabric for use in trench coats?

A: **Burberry**

Set of 4: Collaborations with The Weeknd

37. While they haven't collaborated since the song "Live For" in 2013, The Weeknd's early career was influenced by what other Canadian artist who featured the Weeknd on his album "Take Care"?

A: **Drake** (accept: Aubrey **Graham**)

38. Who featured the Weeknd on her 2014 song "Love Me Harder", and was herself featured on the "Save Your Tears" remix?

A: Ariana **Grande**

39. After being featured on The Weeknd's song "Sidewalks", who worked with him to write the song "Pray for Me" for the soundtrack to *Black Panther*?

A: Kendrick **Lamar**

40. What duo was featured on the Weeknd's 2016 song "I Feel it Coming"?

A: **Daft Punk**

Double Jumps

41. What SI derived unit is equal to 1 kilogram meter per second squared?

A: **newtons**

42. What SI derived unit is equal to 1 kilogram meter squared per second cubed?

A: **watts**

43. What country contains Olduvai Gorge and Serengeti National Park, just south of its border with Kenya?

A: **Tanzania**

44. Just southeast of the Olduvai Gorge lies what massive crater, noted for the large variety of animals living in it?

A: **Ngorongoro** Crater

6-Part Blitz

45. What fantasy series follows Bobby, Courtney, Mark and the Travelers as they fight against Saint Dane?

A: **Pendragon**

46. Life expectancy, years of schooling, and gross national income per capita are the three components of what statistic kept by the UN Development Programme?

A: **Human Development Index** (accept: **HDI**)

47. How many strings are on a mandolin?

A: **8**

48. What author wrote the poetry collections *The Colossus* and *Ariel*, as well as the novel *The Bell Jar*?

A: Sylvia **Plath**

49. About 2,750 tons of ammonium nitrate exploded in the harbour of what city on August 4th, 2020?

A: **Beirut**

50. What philosopher described five cardinal relationships, chief among which was the relationship of filial piety between father and son?

A: **Confucius** (accept: **Kongzi**)

THIRD QUARTER

Splits: Tennis Players & Nazi Germany

Tennis Players

51. Rod Laver, Ash Barty, and Margaret Court are among the great players from what country, which hosts a major every January?

A: **Australia**

52. Who was the most recent singles player to win a calendar-year Grand Slam, doing so in 1988?

A: Steffi **Graf**

53. By winning the 2022 US Open at age 19, what Spaniard became the youngest man ever to be ranked #1 in the world?

A: Carlos **Alcaraz** Garfia

54. In 2019, what Canadian won the Canadian Open and the US Open?

A: Bianca **Andreescu** ["an-DRESS-koo"]

Nazi Germany

55. What word refers to the unification of Nazi Germany with Austria in 1938?

A: **Anschluss**

56. What SS official chaired the Wannsee ["VON-zee"] Conference, which devised the plans for the Final Solution?

A: Reinhard **Heydrich**

57. What city hosted massive Nazi rallies from 1933 to 1938, and was later the site of an Allied tribunal for Nazi war crimes?

A: **Nuremberg** (accept: **Nurnberg**)

58. On what date in 1944 did Claus von Stauffenberg and his co-conspirators launch the most notable plot to assassinate Adolf Hitler?

A: **July 20th**, 1944

Set of 3: Islam

59. What was the first Islamic Caliphate, formed after Mohammed's death?

A: **Rashidun** Caliphate

60. What city must Muslims make a pilgrimage to as part of their Hajj?

A: **Mecca**

61. What is Jesus's name in Islam?

A: **Isa** ["EE-sah"]

Jailbreak

62. Which US state shares the Lake of the Woods with Ontario and Manitoba?

A: **Minnesota**

63. Arthur Jarvis's murder by Stephen Kumalo's son drives the plot of what novel by Alan Paton?

A: ***Cry, the Beloved Country***

64. Suleiman the Magnificent was a ruler of what empire?
A: **Ottoman** Empire (accept: **Ottomans**)
65. What is the Latin word for “hammer”, which also names a bone of the middle ear?
A: **malleus**
66. The Greek for “good talk” is the origin of what word, which means a positive-sounding term used to refer to something unpleasant?
A: **euphemism** (accept word forms)
67. How many oxygen atoms are in a molecule of perchloric acid?
A: **four**
68. What was Beethoven’s only opera?
A: **Fidelio**
69. What food is included in dishes such as rösti, colcannon, and tater tots?
A: **potato**
70. What is the largest island in the Caribbean Sea?
A: **Cuba**
71. Larry Sanger and Jimmy Wales are co-founders of what website?
A: **Wikipedia.org**
72. Who created the experimental films *Empire* and *Chelsea Girls*, as well as 32 silkscreen paintings of Campbell’s soup cans?
A: Andy **Warhol**
73. A hygrometer can be used to measure what quality of the air?
A: relative/absolute **humidity**
74. Who wrote the *Little House on the Prairie* series?
A: Laura **Ingalls Wilder** (accept either underlined part)
75. What nickname refers to the network of trade routes that connected China to the Middle East until the Ottoman capture of Constantinople?
A: **Silk Roads** (accept: **Silk Routes**)

FOURTH QUARTER

Jackpot

76.

Part 1: What fictional character is told to imagine playing a game as Angel Knives while on a trip to Liberty Gardens?

Part 2: Near the end of one work, this character struggles to relearn basic guitar chords after losing two fingers.

Part 3: A group known as the Fireflies seek to experiment on this character because of her immunity to a deadly infection.

Part 4: This teenage girl is the central character of the *Last of Us* franchise.

A: **Ellie Williams** (accept either underlined part)

Streaks

80. Name up to all four of the economies known as the Asian Tigers.

A: **Hong Kong**
Singapore
South Korea (accept: **Republic of Korea**)
Taiwan

82. Excluding its waterparks, name up to all four of the theme parks at Walt Disney World in Orlando, Florida.

A: **Magic Kingdom** Park
EPCOT
Disney's **Hollywood Studios**
Disney's **Animal Kingdom**

Set of 3

84. Edward Gibbon wrote about the decline and fall of what empire?

A: Western **Roman** Empire (accept: **Rome**)

85. In what year did Odoacer [oh-doh-AY-ser"] depose the last Roman emperor?

A: **476** AD

86. What city served as the last capital of the Western Roman Empire and then became the capital of the Ostrogothic Kingdom?

A: **Ravenna**

14-Part Blitz

87. What bay has the highest tides in the world?

A: Bay of **Fundy**

88. Wendy and Martin Byrde, played by Laura Linney and Jason Bateman, are the central couple in what crime drama that ended in 2022?

A: **Ozark**

89. A “last in, first out” system of adding and removing elements describes what abstract data type?

A: **stack**

90. What is the better-known moniker of Jimmy Donaldson?

A: **MrBeast**

91. What “R”-word refers to transliterating foreign words into the Latin alphabet?

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

92. “She Looks so Perfect” and “Youngblood” were hits for what Australian band?

A: **5 Seconds of Summer** (accept: **5SOS**)

93. What two-word term describes paintings that depict inanimate things such as bowls of fruit?

A: **still lifes** (reject: still lives)

94. Beginning in 1868, what emperor’s rule saw the rapid industrialization and militarization of Japan?

A: **Meiji** emperor

95. The word “taikonaut” refers to an astronaut from what country?

A: **China**

96. Ryder Carroll developed what style of trendy handwritten planner where users fill a blank notebook with monthly, weekly, and daily spreads?

A: **bullet journal** (accept: **Bujo**)

97. What game publisher and subsidiary of Hasbro has faced backlash for perceived over-monetization of its *Dungeons & Dragons* franchise?

A: **Wizards of the Coast** (accept: **WotC**) (prompt on: Wizards)

98. In Canadian provinces, what figure serves as viceroy on behalf of the Monarch?

A: **Lieutenant Governor** (reject partial answers)

99. What entities are given titles like “Bringer of Old Age”, “Bringer of Jollity”, and “Bringer of War” in a Gustav Holst suite?

A: the **planets**

100. What is the official language of Cambodia?

A: **Khmer**