



GRADWRITE

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PACK 5

6-Part Blitz

1. What kind of animal are the Sanrio characters Kuromi and My Melody?
A: **rabbit** (accept: **bunny**)
2. Through the first-ever invocation of Golden Liberty, nobles voted Henry de Valois to be King of what newly-created state joining two prior European states?
A: **Polish-Lithuanian** Commonwealth
3. Struggling author June Hayward pretends to be Asian in order to get published in what satirical novel by R.F. Kuang?
A: **Yellowface**
4. What type of structure in the circulatory system carries blood away from the heart?
A: **artery** (accept: **arteriole**)
5. In 1960, what country experienced a 9.5 magnitude earthquake that spawned a tsunami affecting countries across the Pacific ocean?
A: **Chile**
6. What letter must be changed in a word meaning "to consume something with haste" to get a word meaning "dedicated to a belief"?
A: **R** (devour to devout)

Set of 4: Alliterative Foods

7. What two-word term is given to a divided container with a Japanese-style single portion meal inside?
A: **bento box**
8. What dessert, which consists mostly of whipped cream and its namesake macerated fruit, also names a red-haired cartoon character featured in a series of dolls?
A: **strawberry shortcake**
9. What soup dish's Manhattan variety uses a tomato-based broth as opposed to the New England variety's milk or cream?
A: **clam chowder**
10. After France refused to support the United States in the Iraq War, what alliterative name were French fries renamed to in Congressional cafeterias?
A: **freedom fries**

Pyramid

11.

Part 1: A thinker from what country used the Three Mountains Task to determine whether the thinking of children was egocentric?

Part 2: Another theorist from this country described the anima and animus as a pair of his namesake archetypes, which are innate symbols understood by all humans from birth.

Part 3: Preoperational and sensorimotor were stages of cognitive development proposed by Jean Piaget, a psychologist from this country.

Part 4: The psychologist who introduced extraversion and introversion to personality theory, Carl Jung, was born in this alpine country.

A: **Switzerland**

Set of 3: Mathematical Constants

14. What adjective is used to describe a spiral often approximated using quarter-circles, so named for its relation to a similarly-named "ratio"?

A: **golden**

15. Tau is twice what quantity, which is multiplied by the square of the radius to find the area of a circle?

A: **pi**

16. What constant is created from the ratio of the long side of a sheet of A4 paper to its short side, which is also the ratio of the long side of half a sheet of A4 paper to its short side?

A: positive square **root** of **2**

Double Jump

17. "Casting on" is performed in what textile craft, which may be done by machine or by hand using two needles?

A: **knitting**

18. What stitch is used in conjunction with a knit stitch to form ribbing or a stockinette stitch?

A: **purl** stitch (accept: **purling**)

Double Jump

19. The lowest surface elevation in the world can be found on the shores of what highly saline lake in the Middle East?

A: **Dead** Sea

20. Upstream from the Dead Sea and also fed by the Jordan River, what is the lowest-elevation freshwater lake on Earth?

A: Sea of **Galilee** (accept: **Kineret**, Lake **Tiberias**, Lake **Genezareth**)

5-Part Mystery Link

21. Who, along with Ben Green proved that arbitrarily long sequences of equally spaced primes can always be found, and is widely regarded as one of the greatest living mathematicians?

A: Terence **Tao**

22. In cooking, ripe fish eggs are also known by what term when describing the main ingredient of caviar?

A: **roe**

23. What South Korean singer was invited to meet with UN Secretary-General Ban Ki-moon following the popularity of his 2012 international hit "Gangnam Style"?

A: **PSY**

24. Also known as a wildebeest, what member of the antelope family leads the annual great migration through Tanzania and Kenya?

A: **gnu**

25. In Japanese folklore, what cucumber-eating yōkai wear turtle-like shells on their back, as they lurk in water to cause mischief?

A: **kappa**

All answers are homophones of Greek letters.

END OF FIRST QUARTER

SECOND QUARTER

Splits: Pre-Colonial Southeast Asia & Canadian Architecture

Pre-Colonial Southeast Asia

26. What Vietnamese dynasty was the last to take power before the French colonization of Indochina, and gives its name to the most common surname in Vietnam?

A: **Nguyen**

27. First spreading to Aceh by sea, what religion slowly gained influence across Indonesia before a rapid acceleration in the 15th century, eventually becoming its dominant faith?

A: **Islam**

28. In what modern-day country did the Pagan dynasty consolidate rule over the Irrawaddy valley, facilitating the spread of Bamar culture?

A: **Myanmar** (accept: **Burma**)

29. Originally constructed to honour Vishnu, what now-Buddhist temple complex features prominently on the flag of Cambodia?

A: Angkor **Wat**

Canadian Architecture

30. Who was approached by his former thesis advisor at McGill University to develop the master plan for Expo 67, which included Habitat 67?

A: Moshe **Safdie**

31. What Canadian city's architectural landmarks designed by Arthur Erickson include Robson Square and the Museum of Anthropology at UBC?

A: **Vancouver**

32. From 2004 to 2008, what Canadian museum saw a namesake "Transformation" by Frank Gehry, including the installation of its central wooden staircase?

A: **Art Gallery of Ontario** (accept: **AGO**)

33. What architectural style's Victorian "revival" in Canada is exemplified by the Canadian Parliament Buildings, which feature pointed openings and flying buttresses?

A: **Gothic**

Set of 3: DIY Chemical Reactions

34. What class of compounds are reactants in both the Maillard reaction and caramelization, reactions which create brown colours in food?

A: reducing **sugars** (accept: **saccharides**)

35. What animal names a mixture of warm water, yeast, and hydrogen peroxide, its namesake "toothpaste"?

A: **elephant**

36. Deadly chloramine gas can be created when bleach is mixed with cleaning products containing what basic chemical compound?

A: **ammonia** (accept: **NH3**)

Set of 4: Basketball in the 1990s

37. What rhyming nickname is given to the team that defeated Croatia at the 1992 Olympics, winning the gold medal in men's basketball for the United States?

A: The "**Dream Team**"

38. What player is considered the first superstar of the WNBA, winning MVP twice and the championship in every year of the 90s?

A: Cynthia **Cooper**

39. In between the Bulls' two threepeats, what team led by Hakeem Olajuwon won the 1994 and 1995 NBA Championship?

A: **Houston Rockets** (accept either underlined part)

40. Drafted 13th overall in the 1996 NBA draft, what player spent his entire career with the Los Angeles Lakers, and passed away from a helicopter crash in 2020?

A: **Kobe Bryant** (accept either underlined part)

Double Jump

41. During the Imjin War, Toyotomi Hideyoshi ordered the invasion of what peninsula's Joseon kingdom?

A: **Korean** Peninsula

42. What admiral deployed turtle ships to defeat the much larger Japanese naval forces, adding to his reputation of never losing a battle?

A: Admiral **Yi** Sun-sin

Double Jump

43. What show, produced by Fortiche ["four-TEESH"] and distributed by Netflix, follows sisters Vi and Jinx and takes place in the *League of Legends* universe?

A: **Arcane: League of Legends**

44. What are the names of both the city and undercity that serve as the setting of *Arcane*?

A: **Piltover** AND **Zaun**

6-Part Linked Set

45. What California city names a 1989 breakout album by N.W.A.?

A: **Compton**

46. The 1927 Nobel Prize in Physics was awarded for the scattering of light in what range of the electromagnetic spectrum, discovered by and named for Arthur Compton?

A: **X-ray**

47. What two colours can be found on the NATO flag for X-ray?

A: **blue** AND **white**

48. What city is home to the NHL team known as the "Blue and White"?

A: **Toronto**

49. What popular nickname, referring to the number of subdivisions of the city, is given to Toronto?

A: the **6ix** ["the six"]

50. What non-wind instrument is considered to be the sixth instrument in its namesake sextet, an expansion to the wind quintet?

A: **piano**

END OF FIRST HALF

THIRD QUARTER

Splits: The 2025 Grammy Awards & The Solar System

The 2025 Grammy Awards

51. Marking his fifth consecutive year in the role, who served as the host of the 2025 Grammy Awards?

A: Trevor **Noah**

52. The first-ever Album of the Year award won by Beyoncé was awarded to her at the 2025 Grammys for what country album?

A: **Cowboy Carter**

53. What band won Best Rock Performance for the song "Now and Then," which was produced in part using AI to extract John Lennon's original vocals?

A: The **Beatles**

54. What artist's surprise performance at the 2025 Grammys ended his four-year boycott of the awards ceremony?

A: The **Weeknd** (accept: Abel **Tesfaye**)

The Solar System

55. Though it had been proposed by Aristarchus in the third century BCE, what model of the solar system did not gain traction until the Copernican revolution?

A: **heliocentrism** (accept: **heliocentric** model)

56. The average distance between Earth and the Sun provided the original definition of what unit of length?

A: **astronomical unit** (accept: **AU**)

57. What moon of Jupiter is the most geologically active object in the solar system, and the second-smallest of the Galilean moons?

A: **Io**

58. What planet has both the closest mass and radius to that of Earth?

A: **Venus**

Set of 4: Pirates

59. What pirate took the French slave ship *La Concorde* as his own, renaming it the *Queen Anne's Revenge*?

A: **Blackbeard** (accept: Edward **Teach**, Edward **Thatch**)

60. What actor plays Elizabeth Swann in the *Pirates of the Caribbean* films?

A: Keira **Knightley**

61. Along with Mary Read, what pirate evaded execution by pleading her belly in a trial of the crew of Calico Jack Rackham?

A: Anne **Bonny**

62. International Talk Like a Pirate Day is observed as a holy day by what religion, as it maintains that pirates were the original worshippers of the Flying Spaghetti Monster?

A: **Pastafarianism**

Jailbreak

63. A red cloak sometimes interpreted as representing a human brain surrounds God in what fresco painting by Michelangelo?

A: *The* **Creation of Adam**

64. Who presented an argument for his namesake form of mind-body dualism in the sixth section of his *Meditations on First Philosophy*?

A: René **Descartes**

65. What artist included "Club classics," "Girl, so confusing," and "Apple" on her 2024 album *BRAT*?

A: **Charli XCX** (accept: Charlotte Emma **Aitchison**)

66. Cherries turn to strawberries, which then can turn into grapes, eventually combining into what title fruit in an Aladdin X video game?

A: **suika** (accept: **watermelon**)

67. What island gives its name to a salad consisting of basil, mozzarella, and tomato, as well as to a type of pants cut roughly halfway down the lower leg?

A: **Capri**

68. The Southern Cross appears over a black triangle in the hoist and a bird of paradise appears over an opposing red triangle on the flag of what nation?

A: **Papua New Guinea**

69. What commonly used non-SI unit uses a logarithmic scale to measure sound intensity?

A: **Bel** (accept: **deciBel**)

70. Height, backness, and roundness are among the features used to classify what kind of sound, characterized by pronunciation without closure in the vocal tract?

A: **vowel**

71. George and Harold use a hypnotic ring to turn their principal into the title superhero in what children's book series by Dav Pilkey?

A: **Captain Underpants**

72. Which god dressed up as Freyja in order to pretend to marry the giant Thrymir and get his hammer back?

A: **Thor**

73. What body of water connects the cities of Chongqing ["chong-ching"] and Shanghai?

A: **Yangtze** River (accept: **Yangzi** River, **Changjiang**)

74. What type of bond comes in single, double, and triple varieties, each of which involves the sharing of a different number of electron pairs?

A: polar **covalent**

75. Aquae Sulis was the Roman name for what modern British spa town?

A: **Bath**

END OF THIRD QUARTER

FOURTH QUARTER

Pyramid

76.

Part 1: In a Thomas Gray ode, what animal is the "pensive Selima", who "tumbled headlong in" and drowned in a tub?

Part 2: A nameless one of these animals, who goes absent for long periods and seems to never work in *Animal Farm*, is eventually discovered to have voted for both sides.

Part 3: Old Deuteronomy and Mr. Mistoffelees are these animals in a "practical" poem collection by T.S. Eliot.

Part 4: In *Alice's Adventures in Wonderland*, a mischievous grin and disappearing are qualities displayed by the "Cheshire" variety of this animal.

A: **cat**

Set of 3: Tall Trees

79. What country's kauri trees create canopies that dominate namesake forests across its Northern Island?

A: **New Zealand**

80. What genus of tree are the towering redwoods in California's Redwood National and State Parks?

A: **sequoia**

81. To what genus of tree does Centurion, the largest mountain ash in Tasmania, belong?

A: **eucalyptus**

Set of 4: Rings

82. Who wrote *Das Rheingold*, *Die Walküre* ["DIE val-KOO-reh"], *Siegfried*, and *Götterdämmerung*, the four music dramas that make up his *Ring* cycle?

A: Richard **Wagner**

83. What is the name of the item typically given to graduates during the Ritual of the Calling of an Engineer?

A: **Iron Ring** (accept: **Ring of Obligation**)

84. Invisibility to humans, mind control, and eternal life are among the powers of what object forged in the fires of Mount Doom?

A: the **One Ring** to rule them all (accept: **Ring of Power**; **Ring of Sauron**)

85. What body of water is encircled by a tectonic belt in which roughly 75% of the world's volcanoes are located, the Ring of Fire?

A: **Pacific** Ocean

15-Part Blitz

86. Two British coins name what vehicle with differently-sized wheels?

A: **penny-farthing**

87. The Organisation for Transformative Works runs what Hugo Award-winning open source repository, which hosts over 10 million works of fanfiction?

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

88. What 19th-century philosopher names a process involving thesis, antithesis, and synthesis, the three steps in his namesake dialectics?

A: Georg Wilhelm Friedrich **Hegel**

89. The Kingdom of Kandy was the highest authority on what island until the 19th century?

A: **Sri Lanka**

90. What mountain range, whose highest peak is at Mount Rainier, is the source of the name of a physical region encompassing the Pacific Northwest?

A: **Cascades** (accept: **Cascade** range)

91. From what type of tower does a muezzin sing the adhan, the Muslim call to prayer?

A: **minaret**

92. In 1916, who wrote a post-script essay to explain why Eliza and Dr Higgins would not work as a couple, despite the fact that they are the main characters of his play *Pygmalion*?

A: George Bernard **Shaw**

93. What geneticist discovered the transposon, or "jumping gene," during her study of the genetic map of maize?

A: Barbara **McClintock**

94. What regnal name was shared by both monarchs of the empire of Brazil?

A: **Pedro**

95. Originating in South Korea, what feminist movement involves its participants refusing to date, marry, or have children with men?

A: **4B** Movement (accept: **4 "Nos"** movement)

96. The Hindi word "kaan," the Italian word "orecchio," and the French word "oreille" ["owe-RAY"] all refer to what auditory organ?

A: **ear**

97. What author wrote about Janet reflecting on her estrangement with her daughter Nichola and visiting her dying father in her short story "The Moons of Jupiter"?

A: Alice **Munro**

98. In 2022, a "fictional dramatisation" disclaimer was added to the Netflix page of what drama, which was based on the life of Queen Elizabeth II?

A: *The* **Crown**

99. Credited with coining the term "software engineering," what computer scientist received the Presidential Medal of Freedom for her work on Apollo 11's flight software?

A: Margaret **Hamilton**

100. What Austronesian language is the most spoken native language in the Philippines?

A: **Tagalog**

END OF GAME