



GRADWRITE

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PACK 4

6-Part Blitz

1. What instrument traditionally made from a ram's horn is blown at the end of Yom Kippur?

A: **shofar**

2. How many distinct coordinate pairs are needed to define a parabola in 2 dimensions?

A: **3**

3. The Sault Ste. Marie OHL team and a major North American bus company are both named after what breed of dog?

A: **greyhound**

4. What composer's violin strings were alleged to have been made from human intestines, as part of his supposed deal with the Devil?

A: Niccolò **Paganini**

5. "Eclipse" is the tenth and final track of what 1973 album by Pink Floyd?

A: *The **Dark Side of the Moon***

6. In 2019, what country became the most recent to change its capital city when it moved it from Bujumbura to Gitega?

A: **Burundi**

Set of 4: Abbreviated Brand Names

7. MINI and Rolls-Royce are subsidiaries of what German automobile manufacturer?

A: **BMW** AG (accept: **BMW** Group, **Bayerische Motoren Werke** AG)

8. What do the first two letters stand for in the name of the lubricant WD-40?

A: **water displacement** (accept: **water** AND **displacement**)

9. Bruce Murrie and Forrest Mars are the namesakes of what brand of chocolate candy?

A: **M&M's**

10. What U.S. state is found in the full name of 3M, its namesake "mining and manufacturing company"?

A: **Minnesota**

Pyramid

11.

Part 1: What island, which lies across the Arthur Kill from Union County, is coextensive with Richmond County?

Part 2: This island contains Freshkills Park, the site of the largest landfill in the world until its 2001 closure, as well as the southernmost point of its state.

Part 3: Most Black and Hispanic residents of this island live north of Interstate 278, which passes over the Verrazzano-Narrows Bridge that connects to Brooklyn.

Part 4: This island has been called the "forgotten borough", as it is the least populous of the five that make up New York City.

A: **Staten Island**

Set of 3: Contronyms

Given two opposite definitions of the same word, provide the word.

14. What word can mean "to attach" or "to cut or trim"?

A: **clip**

15. What verb can either mean "to strongly attach and adhere to something", or "to split or sever something"?

A: **cleave**

16. "To endure a tough situation" and "to be slowly worn away" are both definitions of what verb?

A: **weather**

Double Jump

17. What weapon is said to have been gifted by the Lady of the Lake or pulled out of a stone by King Arthur?

A: **Excalibur** (accept: **Caliburnus**)

18. What sword representing Arthur's sovereignty was inherited by King Arthur from his father Uther and used as a sword of peace in rituals like knighting and crowning?

A: **Clarent**

Double Jump

19. Emmy Rossum portrays Christine Daaé ["DIE-ay"] in a film adaptation of what longest-running Broadway musical?

A: *The **Phantom of the Opera***

20. What actor and ex-wife of Andrew Lloyd Webber originated the role of Christine on Broadway and on the West End?

A: Sarah **Brightman**

5-Part Mystery Link

21. Into what animal does Rothbart curse Odette to transform in a namesake Tchaikovsky ballet?

A: **swan**

22. According to German legend, what profession was held by a multi-coloured exterminator who would magically lure rats out of Hamelin?

A: **piiper** (prompt on: **musician**)

23. What singer recorded the EP *Te Ao Mārama*, consisting of five Māori translations of songs from her album *Solar Power*?

A: **Lorde** (accept: Ella Marija Lani **Yelich-O'Connor**)

24. What subsidiary of Unilever launched the Campaign for Real Beauty advert series in 2004, which was criticised for "peddling beauty standards as empowerment"?

A: **Dove**

25. What piece of commemorative jewellery is given every year to the front office staff, coaches, and players who win the NBA Finals?

A: championship **ring** (accept: premiership **ring**)

All answers are gifts given in the Twelve Days of Christmas.

END OF FIRST QUARTER

SECOND QUARTER

Splits: Formula One & The Brain

Formula One

26. What McLaren F1 driver, who earned his first win at the Miami Grand Prix, was the runner-up at the 2024 Drivers' Championship?

A: Lando **Norris**

27. Following the 2015 death of Jules Bianchi, what became the only number to have been retired in Formula One?

A: **17**

28. For what F1 team does Charles Leclerc drive, alongside his teammate Lewis Hamilton?

A: Scuderia **Ferrari**

29. In what city is the Canadian Grand Prix held at the Circuit Gilles-Villeneuve?

A: **Montreal**

The Brain

30. What structure, the largest white matter structure of the brain, allows for communication between the two hemispheres?

A: **corpus callosum**

31. What lobe controls thinking and emotion, and is the largest in the brain?

A: **frontal** lobe

32. Action potentials send signals through what type of cell, allowing for communication through the nervous system?

A: **neuron**

33. What degenerative brain disease is caused by buildup of the tau protein from repeated head trauma, and can only be properly diagnosed after death?

A: **CTE** (accept: **chronic traumatic encephalopathy**)

Set of 3: South African History

34. A three hour speech known as the "I Am Prepared to Die" speech was given by what first president of post-apartheid South Africa?

A: Nelson **Mandela**

35. What name is given to the violent period of unwanted migration in the first half of

the 18th century, which is often blamed on the aggression of Shaka Zulu?

A: the **Mfecane** (accept: **Difaqane**, **Lifaqane**, The **Crushing**)

36. The term "concentration camp" was coined during what conflict at the turn of the 20th century?

A: Second **Boer** War

Set of 4: 2000s TV Shows

37. What TV show is set in Stars Hollow and follows the lives of mother and daughter Lorelai and Rory?

A: ***Gilmore Girls***

38. What character refers to himself as "Lonely Boy" on his blog, *Gossip Girl*?

A: **Daniel Humphrey** (accept: **Dan Humphrey**) (prompt on: **Humphrey**)

39. *Glee*'s most infamous trio, made up of Brittany Pierce, Santana Lopez, and Quinn Fabray, is referred to by what name?

A: The **Unholy Trinity**

40. What 2004 TV series stars Matthew Fox, Josh Holloway, and Evangeline Lilly, and follows the survivors of Oceanic Flight 815 after they crash on a remote island?

A: ***Lost***

Double Jump

41. What type of creature pursues Lucy Westenra and Mina Harker in a novel by Bram Stoker?

A: **vampire**

42. "In what 1872 novella is Laura pursued by the Countess Karnstein, the title vampire, as both prey and as a romantic companion?"

A: ***Carmilla***

Double Jump

43. What artist included *Fine Wind, Clear Morning* as part of his series *Thirty-six Views of Mount Fuji*?

A: Katsushika **Hokusai**

44. Considered the last great master of the ukiyo-e ["OO-kee-yo-ay"] genre, what other artist included *Plum Garden in Kameido* in his *One Hundred Famous Views of Edo* series?

A: Utagawa **Hiroshige**

6-Part Linked Set

45. What British author originated sayings like "A little learning is a dangerous thing," and "To err is human" in his "An Essay on Criticism"?

A: Alexander **Pope**

46. Born Jorge Mario Bergoglio, which Argentinian is the first person from the

Americas to hold the position of Pope, and the current holder of the position?

A: Pope **Francis I**

47. Which song is set to the tune of "To Anacreon in Heaven" and takes its lyrics from the poem "Defense of Fort M'Henry," written by Francis Scott Key?

A: "**Star Spangled Banner**"

48. How many stripes are on the flag colloquially known as the Star Spangled Banner?

A: **13**

49. What accessory is a defining feature of the appearance of the main antagonist of the Friday the 13th series, Jason Voorhees?

A: **hockey mask** (accept: **goalie mask, goaltender mask**) (prompt on: mask)

50. What goaltender is commonly credited as the first to wear a mask in a game of hockey?

A: Jacques **Plante**

END OF FIRST HALF

THIRD QUARTER

Splits: The Far-Right in Modern Europe & Literary Criticism

The Far-Right in Modern Europe

51. What femonationalist proposed a naval blockade to stop illegal immigration as prime minister of Italy?

A: Giorgia **Meloni**

52. In a January 2024 post on X, what leader of the Party for Freedom declared "We hebben een serieus probleem" about a proposed law in the Netherlands?

A: Geert **Wilders**

53. What surname is shared by the first leader of the FN, Jean-Marie, and the current French opposition leader, Marine?

A: **Le Pen**

54. In 2011, what party introduced a new constitution that allowed it to consolidate power as the ruling party of Hungary?

A: **Fidesz**-Hungarian Civil Alliance

Literary Criticism

55. In *Understanding Media: The Extensions of Man*, what Canadian "father of media studies" coined the phrase "the medium is the message"?

A: Marshall **McLuhan**

56. First used by Roland Barthes, what critical approach places the reader as ultimate authority on a work, as though the work's creator no longer existed?

A: "The **Death of the Author**"

57. What specific amenity, alongside 500 pounds a year, must a woman have in order to write fiction, according to an essay by Virginia Woolf?

A: a **room of one's own** (accept: a **room of her own**)

58. "The Ultimate Boon," "Master of the Two Worlds," and "The Call to Adventure" are among the stages proposed by Joseph Campbell as part of what archetypal story structure?

A: The **Hero's Journey** (accept: **monomyth**)

Set of 4: Climate Change

59. What greenhouse gas is the second-largest contributor to climate change, and is over 25 times more potent than carbon dioxide?

A: **methane** (accept: **CH₄**)

60. Rising sea temperatures and the loss of microscopic algae called zooxanthellae ["ZOH-ah-zan-THELL-ee"] causes what phenomenon in which corals lose their colour?

A: coral **bleaching**

61. The first carbon negative country in the world is what small country in the Eastern Himalayas?

A: **Bhutan**

62. Climatologist Jerry Mahlman originated the use of what two-word sports term to describe the shape that the rapid warming of the 20th century makes on temperature graphs?

A: **hockey stick**

Jailbreak

63. What poet tells her dead father that "there's a stake in your fat black heart" in her poem "Daddy"?

A: Sylvia **Plath**

64. Who was elected in 2024 as the first female president of Mexico?

A: Claudia **Sheinbaum** Pardo

65. What is the term for a p-block element that does not have a complete non-metal or metal character?

A: **metalloid**

66. The most recent edition of what citation style guide recommends omitting a source's location of publication, and permits the two major formats author-date and notes and bibliography?

A: *The* **Chicago** *Manual of Style*

67. What continent contains the greatest number of countries whose flags include the Union Jack?

A: **Oceania** (accept: **Australia**)

68. In Python, what value would be returned by the computation 21 percent 8?

A: **5**

69. What planet's surface is home to the Valles Marineris canyon system and the shield volcano Olympus Mons?

A: **Mars**

70. What artist recently starred alongside Keke Palmer in *One of Them Days*, and has released studio albums such as *CTRL* and *SOS*?

A: **SZA**

71. Benny Goodman was known as the "king" of what style of jazz?
A: **swing**
72. 1989, 2001, 2013, and 2025 are all the year of what animal in the Chinese zodiac?
A: **snake**
73. What ship completed the Kessel Run in less than 12 parsecs under the command of pilots Chewbacca and Han Solo?
A: **Millenium Falcon**
74. What city is overlooked by Corcovado Mountain, on top of which stands Christ the Redeemer?
A: **Rio de Janeiro** (prompt on: Rio)
75. Which of the four fundamental forces is not described by the Standard Model?
A: **gravity** (accept: **gravitational** force)

END OF THIRD QUARTER

FOURTH QUARTER

Pyramid

76.

Part 1: What television show, after a four-year time skip, sees Wammy's House alumni Near as the head of a division of the FBI and CIA to follow his deceased elder's footsteps?

Part 2: In an oft-quoted scene, the protagonist of this show secretly places a mini TV inside of a bag of chips while his companion suffers from apple withdrawal.

Part 3: To learn the true name of his archnemesis, this anime's protagonist starts dating Misa Amane ["uh-MAW-nay"], who can see anyone's name using her shinigami eyes.

Part 4: In this 2006 anime series, Light Yagami evades L and the Japanese police force while killing criminals using the title object.

A: **Death Note**

Set of 3: Social Networks

79. Playwright John Guare claimed that what number of social connections are needed to connect any two people in the world?

A: **6** social connections (accept: **6** degrees of separation)

80. What character's laptop is smashed by a fictional Eduardo Saverin in The Social Network, which depicts his creation of Facebook?

A: **Mark Zuckerberg** (accept either underlined part)

81. What social psychologist conducted the "small-world" experiment examining social networks in the US, but is better known for an experiment on obedience in which people thought they were administering electric shocks?

A: Stanley **Milgram**

Set of 4: Valleys

82. What two-word phrase describes the feeling people get when art or robots almost, but not quite fully mimic human behaviours?

A: **uncanny valley**

83. Vernon and Kelowna are among the cities located in what fertile, wine-producing region of British Columbia?

A: **Okanagan** Valley

84. Howard Carter discovered King Tutankhamun's tomb at what archaeological site, which also contains the tombs of over 60 other Egyptian pharaohs?

A: **Valley of the Kings**

85. The Amargosa and Panamint ranges form what valley in the Mojave Desert, which is believed to be the hottest place on Earth?

A: **Death** Valley

15-Part Blitz

86. What polyphonic form of Renaissance-era classical music was used as the name of the central family in the 2021 film *Encanto*?

A: **madrigal**

87. In what country were mangoes preserved and venerated as part of a so-called "mango fever" during the Cultural Revolution?

A: **China**

88. Who invented a common laboratory vessel ideal for recrystallization and boiling liquids, his namesake "flask"?

A: Emil **Erlenmeyer**

89. Which Shakespeare play featuring Leontes and Perdita includes the stage direction "Exit, pursued by a bear"?

A: *The* **Winter's Tale**

90. Bird/Normal-type in *Pokémon Red and Blue*, the Old Man glitch is one way of obtaining what glitch Pokémon?

A: **MissingNo.** (accept: **missing number**)

91. At what international airport did a Delta Airlines flight crash on the tarmac, losing its right wing and turning upside-down?

A: Toronto **Pearson** International Airport (accept: **YYZ**)

92. Who wrote about the fictitious religion Earthseed in her post-apocalyptic novel *The Parable Of The Sower*?

A: Octavia **Butler**

93. What Ancient Egyptian goddess is often associated with protection and domestic life, and is usually depicted as a domestic cat?

A: **Bastet** (accept: **Bast**, **Ubasti**, **Bubastis**)

94. In what type of symbiotic interaction do all involved organisms benefit?

A: **mutualism** (accept: **mutualistic**)

95. What kind of animal is depicted with many marble eggs in a 30-foot tall sculpture by Louise Bourgeois, titled *Maman*?

A: **spider**

96. What mathematician names a complex function whose distribution of zeroes is central to one of the most famous unsolved problems in mathematics, and is denoted with the Greek letter zeta?

A: Bernhard **Riemann**

97. What position, typically a prerequisite to that of censor, was the highest elected office in the Roman Republic?

A: **consul** (accept: **consulship**)

98. With a name meaning "outer islands" or "archipelago," what is the planned new capital city of Indonesia?

A: **Nusantara**

99. An emphasis on technology and dynamism characterized what art movement, which later came to be associated with the regime of Benito Mussolini?

A: **Futurism**

100. What is the equivalent resistance of two resistors in parallel, each with a resistance of 4 ohms?

A: **2** ohms

END OF GAME