



GRADWRITE

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PACK 10

6-Part Blitz

1. What language created by L. L. Zamenhof is the most spoken constructed language in the world?

A: **Esperanto**

2. What modernist poet is responsible for "Crusoe in England", "In the Waiting Room", and "One Art"?

A: Elizabeth **Bishop**

3. Also used as a household cleaning agent, what acetic acid condiment has a name coming from the French for "sour wine"?

A: **vinegar**

4. What site on Salisbury Plain contains a small bluestone circle within the larger sarsen standing stone ring?

A: **Stonehenge**

5. Who, after determining the volume of King Heiro II's counterfeit gold crown, exclaimed "Eureka!" as he had just discovered the law of displacement?

A: **Archimedes**

6. What two countries fought the 100 Hour War, also known as the Football War?

A: **El Salvador** AND **Honduras**

Set of 4: Skin

7. What is the name for a medical doctor that specializes in treatment of the skin?

A: **dermatologist**

8. With what autoimmune disorder, which causes a loss of pigmentation in the skin, was Michael Jackson diagnosed?

A: **vitiligo** ["vih-tih-LIE-go"]

9. In Navajo culture, what kind of creature can disguise itself by shape-shifting into other animals?

A: **skin-walker** (accept: **yee naaldlooshii**) (prompt: witch)

10. What singer released the single "Skin," believed by fans to be about a love triangle between her, Joshua Bassett, and Olivia Rodrigo?

A: Sabrina **Carpenter**

Pyramid

11.

Part 1: In a musical by Rob Rokicki, what fictional character sings "Six schools in six years / Been kicked out of every place" in the song "Good Kid"?

Part 2: In one appearance, this character became the owner of a pet named Mrs. O'Leary after her former owner passed away.

Part 3: Controversy over the hair colour of Walker Scobell arose in 2023 after his portrayal of this character in a Disney+ show titled for this character.

Part 4: This character is the title character of a series of books starting with *The*

Lightning Thief and written by Rick Riordan.

A: **Percy Jackson** (accept either underlined part)

Set of 3: NHL Captaincies

14. As of March 2025, 50% of what Florida Panthers forward's salary is retained by the Boston Bruins, a team that he captained from 2023 to 2025?

A: Brad **Marchand**

15. Steve Yzerman ["EYE-zer-men"] served for 20 years as captain of what NHL team?

A: Detroit **Red Wings**

16. What current NHL captain has the second most career goals in NHL history?

A: Alexander **Ovechkin**

Double Jump

17. Name either homophone in a pair that refers to either a large primate native to Sub-Saharan Africa or a form of unconventional warfare with small groups of independent fighters.

A: **gorilla** (accept: **guerilla**)

18. Name either homophone in a pair that can mean to evoke a response from someone or something that is forbidden by law.

A: **illicit** (accept: **elicit**)

Double Jump

19. In what city were *The Big Boss* and *The Way of the Dragon* produced, among many other Bruce Lee films?

A: **Hong Kong**

20. What director depicts two people whose spouses are having an affair together in *In the Mood for Love*, a seminal work of Hong Kong cinema?

A: **Wong** Kar-Wai

5-Part Mystery Link

21. What mortal rulers wore the pschent ["sss-SHENT"], symbolizing their power over ancient Egypt?

A: **pharaoh**

22. Multiple real weddings were crashed to create the music video for what 2014 song by Maroon 5?

A: **"Sugar"**

23. According to FIDE ["FEE-day"], a maximum of 3 starting minutes is given to each player in what variant of chess, the fastest general form of speed chess?

A: **bullet** chess

24. What classical element did Plato associate with the tetrahedron?

A: **fire**

25. In what skilled trade did Ole ["OH-lay"] Kirk Christiansen work when he founded

LEGO?

A: **carpenter** (accept: **carpentry**) (prompt: woodworking)

All answers are types of ants.

END OF FIRST QUARTER

SECOND QUARTER

Splits: Spelling Classical Composers & The Vietnam War

Spelling Classical Composers

For all questions, you are required to spell the composer's surname in English, without diacritics.

26. It is the surname of the Czech composer who wrote the New World Symphony. Spell "Dvorak" ["duh-VOR-jahk"].

A: **D-V-O-R-A-K**

27. It is the surname of the composer whose Lady Macbeth of Mtsensk was banned in the Soviet Union for almost thirty years. Spell "Shostakovich" ["SHOSS- tuh-KOE-vitch"].

A: **S-H-O-S-T-A-K-O-V-I-C-H**

28. It is the surname of the Hungarian composer whose piano performances spawned a namesake "mania" in the early 19th century. Spell "Liszt" ["LIST"].

A: **L-I-S-Z-T**

29. It is the surname of a German piano virtuoso and her composer husband, respectively named Clara and Robert. Spell "Schumann".

A: **S-C-H-U-M-A-N-N**

The Vietnam War

30. What military operation was a targeted aerial bombing campaign over North Vietnam from 1965 to 1968?

A: Operation **Rolling Thunder**

31. What city, from which a helicopter evacuated people from the American Embassy in 1975, was the capital city of South Vietnam?

A: **Saigon** (prompt: Ho Chi Minh City)

32. What surprise military campaign was launched in 1968 by the Viet Cong on Lunar New Year?

A: **Tet Offensive**

33. What US president finished the American withdrawal from Vietnam in 1973?

A: Richard **Nixon**

Set of 3: Tides

34. What body of water located on Canada's Atlantic coast is home to the most extreme tides in the world?

A: **Bay of Fundy**

35. What name is given to the phenomenon caused by the strong tidal forces near a black hole in which objects are squashed and stretched into thin shapes?

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

36. In 2018, a popular internet "challenge" surrounded the consumption of what household product?

A: **Tide PODS**

Set of 4: Types of Rock

37. What sedimentary rock is characterized by its fissility, or tendency to fracture into very thin layers, and is often harvested for oil?

A: **shale**

38. Overwhelming volume and distorted layered guitars characterize what subgenre, popularized by the albums *Souvlaki* and *Loveless*?

A: **shoegaze**

39. What subgenre of rock is known for its androgynous, flamboyant style and includes artists like Queen and David Bowie?

A: **glam** rock (accept: **glitter** rock)

40. The rapid cooling of high silica felsic lava forms what vitreous black igneous rock?

A: **obsidian**

Double Jump

41. Layering ragu, cheese, and what flat, wide pasta may create an Italian dish of the same name?

A: **lasagna** (accept: **lasagne**)

42. What cylindrical egg-based pasta is typically served baked and stuffed with spinach and ricotta?

A: **cannelloni** (accept: **cannellon**)

Double Jump

43. What American counter-culture literary movement started in the 1950s with works such as *On The Road* and "Howl"?

A: The **Beat** Generation (accept: The **Beat** Movement)

44. What Beat author used the opioid addict William Lee as a self-insert protagonist in books like *Queer* and *Naked Lunch*?

A: William S. **Burroughs**

6-Part Linked Set

45. What body of water is known as the largest lake in the world, despite its saltwater content?

A: **Caspian** Sea

46. What British author wrote a series of books whose second installation was *Prince Caspian*, his *The Chronicles of Narnia* series?

A: Clive Staples **Lewis** (accept: C.S. **Lewis**)

47. How many dots are present in the representation of a water molecule using Lewis dot diagrams?

A: **4**

48. What higher dimensional polytope, also known as an 8-cell or 4-cube, is analogous to a cube in four dimensions?

A: **tesseract** (prompt on: hypercube)

49. In *Avengers: Endgame*, what character escapes from 2012 New York by stealing the Tesseract?

A: **Loki**

50. Who, initiating Ragnarok, was killed with a mistletoe dart by Loki?

A: **Baldr**

END OF FIRST HALF

THIRD QUARTER

Splits: Islands of Canada & Mathematical Functions

Islands of Canada

51. Iqaluit is located on what island, the largest in Canada?

A: **Baffin** Island

52. The Northumberland Strait separates what province from the Canadian mainland?

A: **Prince Edward Island** (accept: **PEI**)

53. What island contains the southernmost populated point of Canada?

A: **Pelee** Island

54. What strait separates Cape Breton Island from mainland Nova Scotia?

A: **Canso** Strait (accept: Strait of **Canso**)

Mathematical Functions

55. What two-word term, as displayed by $1/x$ ["one over x"] and e^x ["e to the x"], describes a line that a function approaches as its end behaviours tend towards a single value?

A: **horizontal asymptote**

56. In radians, at what x value between 0 and pi do $\sin(x)$ ["sine of x"] and $\cos(x)$ ["cos of x"] evaluate to the same value?

A: **pi/4** radians

57. What term refers to the set of all inputs accepted by a function?

A: **domain**

58. The factorial function is only defined for what set of numbers which includes all positive integers and 0?

A: **whole** numbers (accept: **natural** numbers)

Set of 4: Recluses

59. What Japanese word, part of which titles a 2020 indie-RPG developed by OMOCAT, refers to people fully isolating themselves from society?

A: **hikikomori**

60. Amherst, Massachusetts was the home of what famously reclusive poet responsible for poems like "'Hope' is the thing with feathers" and "Because I could not stop for Death"?

A: Emily **Dickinson**

61. To what taxonomical order does the animal known colloquially as a fiddleback, but officially called a brown recluse, belong?

A: **spider** (accept: **Araneaea**)

62. What historical novel dramatizes the story of tactician Zhuge ["ZOO-guh"] Liang being coaxed out of seclusion by Liu Bei?

A: *The **Romance of the Three Kingdoms*** (accept: **San Guo Yan Yi**)

Jailbreak

63. What special correspondent mentors Nicky and Violet, among other "Sisters", when she is not writing for The Rodents' Gazette?

A: **Thea** Stilton (prompt: **Stilton**)

64. Despite originating from Vancouver, what kind of tea latte, which consists of steamed milk, vanilla, and Earl Grey tea, is partly named after a British city?

A: **London fog**

65. What position, previously held by people like Jeanne Sauvé and Julie Payette, is currently held by Mary Simon?

A: **Governor General** of Canada

66. What is the standard electrical socket supply voltage in North America?

A: **120** volts

67. What branch of philosophy focuses on questions surrounding the philosophy of beauty and art?

A: **aesthetics**

68. For whom do Vladimir and Estragon wait throughout the duration of an absurdist play by Samuel Beckett?

A: **Godot**

69. Named for the unit it measures, what device represented with an A in a circle measures current in an electrical circuit?

A: **ammeter**

70. What anime is referenced in Megan Thee Stallion's "Otaku Hot Girl", which features lyrics like "fightin' demons in my head like I'm Itadori" and "white wig on... I'm finna go Gojo"?

A: **Jujutsu Kaisen** (accept: **JJK**)

71. What musical work, named for having premiered on a river barge, was written for King George I by George Frederic Handel?

A: **Water Music**

72. Who succeeded Boris Yeltsin as president of Russia, and is currently serving his fifth term?

A: Vladimir **Putin**

73. What city's Baiterek tower is emblematic of its development after replacing Almaty as its nation's capital?

A: **Astana** (prompt: **Nur-Sultan**)

74. Carbon dating uses what radioactive isotope of carbon, which has 8 neutrons and 6 protons?

A: **carbon-14** (accept: **14C**, **C-14**) (prompt on: **14**)

75. Referring to its skin wrapping, what is the British term for a baked potato?

A: **jacket potato**

END OF THIRD QUARTER

FOURTH QUARTER

Pyramid

76.

Part 1: Eduard Kullman and Ferdinand Cohen-Blind both attempted to assassinate what man?

Part 2: After an intense multi-day pursuit in the North Sea, a battleship named after this man was last hit by the HMS Dorsetshire before sinking.

Part 3: This man claimed that Prussia's position will be solidified "not through speeches and majority decisions... but by iron and blood."

Part 4: Known as the "Iron Chancellor", this man was the first Chancellor of the German Empire.

A: Otto von **Bismarck**

Set of 3: Weavers

79. What country originated a festival celebrating the story of a cowherd and a weaver girl meeting one another on a bridge of magpies?

A: People's Republic of **China**

80. Which film franchise features actor Sigourney ["sig-GOR-nee"] Weaver playing Ellen Ripley?

A: **Alien**

81. In what work is Laertes' burial shroud repeatedly woven and unwoven by Penelope as she waits for the title character to return to Ithaca?

A: *The* **Odyssey** (accept: Homer's **Odyssey**)

Set of 4: Quartz

82. What two elements make up pure quartz?

A: **oxygen** (accept: **O**) AND **silicon** (accept: **Si**)

83. What form of electricity can be produced through a voltage difference resulting from applying mechanical stress to quartz?

A: **piezoelectricity**

84. Typically representing the six-year wedding anniversary, what cardinal gem is a purple variety of quartz?

A: **amethyst**

85. What number is quartz on the Mohs hardness scale?

A: **7**

15-Part Blitz

86. What English monarch is believed to be the inspiration for the name of the monarch butterfly, due to its orange colour?

A: King **William of Orange** (accept: **William III**) (prompt on: **William**)

87. The volcano Kīlauea is believed to house what fire goddess, who created the Hawaiian islands in Hawaiian myth?

A: Tūtū **Pele** (accept: Madam **Pele**)

88. In order to be more inclusive of transgender competitors, what show changed its tagline in season 13 to "Racers, start your engines, and may the best drag queen win"?

A: Rupaul's **Drag Race**

89. What Indigenous language isolate has seen recent revitalization efforts in its namesake British Columbian archipelago?

A: **Haida** (accept: **Xaat Kíl**)

90. What is the lowest belt colour in martial arts like Brazilian jiu-jitsu, taekwondo, and karate?

A: **white**

91. What song, the first jazz single to sell over a million copies, is titled for its hybrid time signature and performed by the Dave Brubeck Quartet?

A: "**Take Five**"

92. Who served as Portugal's Prime Minister from 1995 to 2002, and since 2017 has been the Secretary-General of the United Nations?

A: António **Guterres**

93. What American policy analyst names a construct that refers to the policies and beliefs that are seen as generally acceptable at any given time, his namesake "window"?

A: Joseph **Overton**

94. In what country does Lighthouse Reef create a ring around a sinkhole known as the Great Blue Hole?

A: **Belize**

95. *The Kiss*, *The Gates of Hell*, and *The Thinker* were all works by what sculptor?

A: François Auguste René **Rodin**

96. What city was connected to its port of Piraeus by the Long Walls, which were torn down following its defeat in the Peloponnesian War by Sparta?

A: **Athens**

97. The disorder and joints of what bone connected to the temporal bone are referred to by the medical acronym TMJ?

A: **mandible** (accept: **jawbone**)

98. Team Asobi developed what winner of Game of the Year at the 2024 Game Awards?

A: **Astro Bot**

99. Thought not originating the concept, who used the concept of the unmoved mover as part of his 5 proofs for the existence of God in *Summa Theologica*?

A: St. Thomas **Aquinas**

100. What vegetable is mentioned in an idiom about someone being able to stay "cool" under pressure?

A: **cucumber**

END OF GAME