



GRADWRITE '24

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PACK 11

Pack Editor:

Gradwrite

5-Part Blitz

1. The King Fahd causeway connects Saudi Arabia with which other gulf state?

A: **Bahrain**

2. In sailing, what term refers to both the forward bottom corner of a sail and the windward side of a boat?

A: **tack**

3. What antibiotic, which interrupts peptidoglycan ["pep-TEE-do-GLIYE-kan"] synthesis, was first discovered by Alexander Fleming?

A: **penicillin**

4. In late 2001, what Art Deco building briefly regained its title as New York City's tallest skyscraper?

A: **Empire State** Building

5. In what playwright's work does Ivan fail to shoot Professor Serebryakov ["ser-eh-bree-KOVH"], showing that death is not necessary for his namesake "gun" principle?

A: Anton Pavlovich **Chekhov**

Set of 4: Orpheus in Media

6. Appearing in *Orpheus in the Underworld*, which composer's "Galop infernal" was used to score both AsapScience's "The Periodic Table Song" and the Moulin Rouge's cancons?

A: Jacques **Offenbach**

7. Which German-language poet wrote both Sonnets to Orpheus and the Duino ["doo-EE-noe"] Elegies in the span of 3 weeks?

A: Rainer Maria **Rilke**

8. The player unlocks the duet version of "Good Riddance" after reuniting Orpheus and Eurydice in which Supergiant roguelike video game?

A: **Hades**

9. In Marcel Camus's Black Orpheus, Orfeu ["or-FOO"] is reimagined to be a performer of what Brazilian style of dance?

A: **samba**

Jackpot

10. Part 1: The ICS flag for what letter is a blue cross on a square white background, while it is written in English Braille by raising dots 1, 3, 4, and 6?

Part 2: This letter is represented in American Sign Language by holding the dominant hand palm out, bending the index finger into a hook shape, and curling the rest of the fingers into a fist.

Part 3: This letter comes from the Greek letter chi ["KIYE"] which it shares an uppercase symbol with.

Part 4: This letter is often used in abbreviations to represent prefixes like "trans" or "christ," and it is the 24th letter of the modern English alphabet.

A: x

Set of 3: Spelling Pokémon

11. This generation two palindromic Pokémon is normal and psychic type. Spell: Girafarig ["jih-RAFF-ah-rig"]

A: G-I-R-A-F-A-R-I-G

12. This generation one Pokémon can be found in its shiny form at the Lake of Rage. Spell: Gyarados ["GARE-uh-dose"].

A: G-Y-A-R-A-D-O-S

13. This generation two base form Pokémon is poison and ground type in the Paldea ["pal-DAY-uh"] region. Spell: Wooper.

A: W-O-O-P-E-R

Double Jump

14. The Comet Observatory is the hub area for which 3D *Super Mario* game first released for the Wii?

A: Super Mario Galaxy (prompt on: Galaxy)

15. What kind of star creatures inhabit the Comet Observatory and were adopted by Rosalina?

A: Luma

Double Jump

16. Known for containing many technology stocks, what acronym starting with the letter N names the second biggest stock exchange in the world?

A: NASDAQ

17. What former chairman of the NASDAQ was arrested in 2008 for creating the largest Ponzi scheme ever recorded, amassing 65 billion dollars?

A: Bernie Lawrence Madoff (accept: Bernard Lawrence Madoff)

5-Part Mystery Link

18. What style of music names a minor pentatonic scale with a flat fifth, used commonly by improvising musicians?

A: **blues**

19. With which weapon do fencers both thrust and cut with both sides of a blade, differentiating it from épée and foil?

A: **sabre**

20. What kind of natural disaster can be categorized on the Saffir–Simpson scale into 5 distinct categories?

A: **hurricane**

21. What Singaporean Ferris wheel opened in 2008 as the world's tallest Ferris wheel?

A: Singapore **Flyer**

22. In *Pirates of the Caribbean: Dead Man's Chest*, the *Black Pearl* is attacked by what legendary sea creature?

A: **kraken**

Link: All answers are NHL teams.

END OF FIRST QUARTER

SECOND QUARTER

Splits: Post World War I Europe & The Atomic Nucleus

Post World War I Europe

23. Allied news censorship meant that the press of which neutral European country was quicker to report on the flu pandemic that followed World War I, resulting in the pandemic's common name?

A: **Spain**

24. In what modern day country did Count Mihály Károlyi ["mee-HAI KAH-ro-yi"] lead the Aster Revolution that broke it off from Austria?

A: **Hungary**

25. Victor Emmanuel II allowed which leader of the Italian Socialist Party to become Prime Minister following his Blackshirt March on Rome?

A: Benito Amilcare Andrea **Mussolini**

26. The Zinoviev letter affected which political party, leading to their leader Ramsay MacDonald losing the Prime Ministership following the 1924 UK election?

A: **Labour** Party

The Atomic Nucleus

27. Otto Hahn and Lise Meitner among others were the first to discover which process that involves splitting apart the atomic nucleus?

A: nuclear **fission**

28. What is the general term for a particle in the atomic nucleus, either a proton or neutron?

A: **nucleon**

29. Acting on hadrons, what fundamental force binds protons and neutrons together to form the atomic nucleus?

A: **strong** nuclear force (accept: **strong** interaction, residual **strong force**)
(prompt on: **nuclear** force)

30. Name either of the other scientists at the University of Manchester working under Rutherford conducting the gold foil experiment that discovered the atomic nucleus.

A: Johann Wilhelm "Hans" **Geiger** OR Sir Ernest **Marsden**

Set of 3: Fears of Animals

31. What word refers to the fear of birds?

A: **ornithophobia**

32. Terms for the fear of what animal include melissophobia and apiphobia?

A: **bee**

33. What sweeping single-word term is used to refer to the fear of animals in general?

A: **zoophobia**

Set of 4: Also a Tarot Card

34. Which object agrees to meet with the poet and his shadow in the Milky Way in a poem by Li Bai?

A: the **moon** (accept: **Luna**)

35. In September of 2024, Ryan Seacrest took over as host of what show, replacing Pat Sajak?

A: **Wheel of Fortune**

36. Yorick in *Hamlet*, Falstaff in *Henry IV*, and Feste [FESS-tee] in *Twelfth Night* all share what Shakespearean archetype?

A: **fool**

37. The Battle of Kadesh was the largest battle fought using what vehicles?

A: **chariot**

Double Jump

38. Tritium and deuterium are both isotopes of what element, whose most abundant isotope consists of an electron orbiting a proton?

A: **hydrogen** (accept: **H**)

39. Who is credited with the discovery of hydrogen as well as an experiment finding the value of the gravitational constant?

A: Henry **Cavendish**

Double Jump

40. What former athlete died on April 10th 2024, nearly 30 years after he was acquitted for the deaths of Ronald Goldman and Nicole Brown?

A: O. J. **Simpson** (accept: Orenthal James **Simpson**)

41. The families of Nicole Brown and Ronald Goldman sued because of, and then later bought the rights to, what quasi-confessional O. J. Simpson autobiography released in 2007?

A: ***If I Did It: Confessions of the Killer*** (prompt: I Did It)

6-Part Blitz

42. Following the Boston Massacre, British soldiers were defended in court by which future US president, who was also the father of the 6th president?

A: **John Adams** (prompt on: Adams) (reject: John Quincy Adams)

43. Sweden's Mondo Duplantis holds both the indoor and outdoor world height records in what sport?

A: **pole vaulting**

44. Polka dot patterns are central to the work of what Japanese artist of "Infinity Mirrors"?

A: Yayoi **Kusama** (accept: **Kusama** Yayoi)

45. Ares and Aphrodite were trapped in a golden net made by what Greek god of craftsmen?

A: **Hephaestus**

46. Tok Pisin ["TOK PISS-in"] is the most widely-spoken language in which Oceanian country?

A: **Papua New Guinea**

47. What organelles can be found studded on the outer surface of the rough endoplasmic reticulum, and are responsible for synthesizing proteins?

A: **ribosomes**

END OF FIRST HALF

THIRD QUARTER

Splits: Outer Planet Exploration & Horror Movies

Outer Planet Exploration

48. What is the only spacecraft to visit all four outer planets?

A: **Voyager 2** (prompt on: Voyager)

49. Which planet's trojan asteroids are the subject of the Lucy space probe, and was first orbited by the *Galileo* probe?

A: **Jupiter**

50. What was the first spacecraft to explore an object in the Kuiper ["KIYE-per"] belt, known for its notable observations of Pluto?

A: **New Horizons**

51. What planetary body did the Huygens ["HOY-ghinz"] space probe perform the first landing in the outer solar system on, the largest moon of Saturn?

A: **Titan**

Horror Movies

52. In what 2013 movie do the New Founding Fathers of America initiate the title 24 hour period during which all crimes are legal?

A: *The* **Purge**

53. First portrayed by Robert Englund, who is the primary villain of the slasher film *Nightmare on Elm Street*?

A: **Freddy Krueger** (accept either bolded part)

54. *Us*, *Nope*, and *Get Out* are all black horror films directed by what comedian?

A: Jordan Haworth **Peele**

55. What three-word title is shared by a 2020 film starring Elisabeth Moss as Cecilia Kass and a 1933 film starring Claude Rains as the bandaged Dr. Jack Griffin?

A: *The* **Invisible Man**

Set of 4: Beginnings of Humankind

56. In Greek mythology, following what disaster did Deucalion and Pyrrha ["PEE-ra"] throw stones over their shoulders to repopulate the human race?

A: **flood**

57. What band wrote a song that inspired the name of the Australopithecus precursor to human kind, Lucy, on their album *Sgt. Pepper's Lonely Hearts Club Band*?

A: The **Beatles**

58. According to the Anishinaabe ["uh-nish-in-AH-bay"], mankind was created by the fusion of the Four Sacred Elements as well as the breath of what deity, whose name means "Great Spirit"?

A: **Gitche Manitou** (accept: **Gitchu Manitou**, **Kitchi Manitou**, **Kitche Manitou**)

59. What researcher worked to discover more about early humans in Gombe Stream National Park in Tanzania for years by studying our closest living relatives, chimpanzees?

A: Jane **Goodall** (accept: Dame Jane Morris-**Goodall**, Valerie Jane Morris-**Goodall**)

Jailbreak

60. What is the largest emirate in the UAE by area, which shares its name with the capital of the country?
A: **Abu Dhabi**
61. What 2022 social deduction game has expansions like "Sects & Violets", and shares its core mechanics with "Mafia"?
A: **Blood on the Clocktower**
62. What language featuring French-derived nominal grammar and Cree-derived verbal grammar has a name that is a variant pronunciation of Métis?
A: **Michif**
63. What civilization had its capital city founded on the spot where Manco Capac's golden rod sunk into the ground?
A: **Inca** Empire
64. Which state was not included in the preamble of the Australian Constitution in 1901, as support for its inclusion into Australia was given too late?
A: **Western Australia**
65. From which geological period is the Burgess Shale, found in the Canadian Rockies dating back at least 508 million years?
A: Middle **Cambrian**
66. Adobe, along with HP, Cisco, and Intel, has its headquarters located in which region of the San Francisco Bay Area?
A: **Silicon Valley**
67. Which Chinese dynasty introduced the first government-issued paper currency in the 1020s?
A: Northern **Song** Dynasty
68. What port city is home to the Lotus Tower, and names the largest metropolitan region in Sri Lanka, as it serves as the executive and judicial capital of the country?
A: **Colombo**
69. Out of what substance are the sculptures *Gattamelata* ["GA-ta-ma-LA-ta"] and *The Thinker* made, the most common for cast metal sculptures?
A: **bronze**
70. Who was the first of the ten Sikh Gurus?
A: Guru **Nanak** (accept: Baba **Nanak**, Father **Nanak**)
71. In October 2024, which 22-time Grand Slam winner announced that the Davis Cup would be their final tournament before retirement?
A: Rafael **Nadal** Parera
72. What actor portrayed such villains as Ramses in *The Prince of Egypt*, chef Julian Slowik in *The Menu*, and Voldemort in the *Harry Potter* franchise?
A: **Ralph Fiennes** (prompt on: Fiennes)

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

73. Part 1: What animal is found in the title of a novel in which Balram writes letters to Wen Jiabao, the debut work by Aravind Adiga?

Part 2: In another work, one of these animals survives the shipwreck of the Tsimtsum. In that novel, two Japanese officers conclude that this animal represented the protagonist in a story they were told.

Part 3: This animal titles a poem that asks "What immortal hand or eye, / Could frame thy fearful symmetry?"

Part 4: One of these animals names William Blake's most famous poem, and another gets stuck on a lifeboat with the title character in *Life of Pi*.

A: **tiger**

Set of 3: Sunken Islands

74. What submerged land beneath the southern North Sea connected Britain to mainland Europe, and is named for a large sandbank now in its place?

A: **Doggerland**

75. Who, in their work *Timaeus*, told the legend of Atlantis?

A: **Plato** (accept: **Aristocles**)

76. What South Asian island nation has the lowest average elevation in the world, and is thus set to sink in the near future?

A: Republic of **Maldives** (accept: **Maldiv** Islands)

Streak

77. List up to all five Factions in the Divergent series.

A: **Dauntless** the brave (prompt on: the brave)

A: **Amity** the kind (prompt on: the kind)

A: **Erudite** the intelligent (prompt on: the intelligent)

A: **Abnegation** the selfless (prompt on: the selfless)

A: **Candor** the honest (prompt on: the honest)

Streak

78. Preceding what might be called the modernist or 20th/21st century period, name up to all five previous periods in Western music history.

A: **Medieval**

A: **Renaissance**

A: **Baroque**

A: **Classical**

A: **Romantic**

13-Part Blitz

79. What city's full name is the longest in the world, though it is often shortened to Krung Thep?

A: **Bangkok**

80. The term "Guided Democracy" was used to describe the administration of which Indonesian President?

A: **Sukarno**

81. Magnesium carbonate is the usual chemical composition of what substance used in rock climbing to improve grip?

A: climbing **chalk**

82. On a six-stringed guitar, what is the lowest pitched open-string note in standard tuning?

A: **E**

83. In English, "the" and "a" are respectively the definite and indefinite kinds of what part of speech?

A: **article** (prompt on: determiner)

84. The Sea of Marmara is connected to the Black Sea by what strait, forming part of the border between Asia and Europe?

A: **Bosphorus** Strait (accept: **Bosporous**)

85. After Abin-Sur's death, what object was acquired by Hal Jordan, allowing him to make constructs using his willpower?

A: **Green Lantern** power **ring** (prompt on: lantern power ring, lantern ring)

86. Chinese Muslims, including the Hui people, fought against the Qing dynasty in what conflict from 1862 to 1877?

A: **Dungan** Revolt (accept: **Tongzhi Hui** Revolt) (prompt on: Hui Minorities War)

87. After she defeated Angela Carini at the 2024 Paris Olympics, Elon Musk and J.K. Rowling falsely accused which Algerian boxer of being a "biological male"?

A: Imane **Khelif**

88. In Islam, the beginning of a new month is represented by what symbol, found on the flags of many Islamic nations'?

A: **crenscent** moon (prompt on: moon)

89. How many hours ahead of UTC is the time zone observed by Singapore?

A: **8** hours

90. With the eldest winning the Norris Trophy in 2024, three brothers with what surname are featured on the cover of NHL 25?

A: **Hughes**

91. Words like ombudsman and smorgasbord were borrowed into English from what language?

A: **Swedish**

END OF GAME