



# GRADWRITE '24

## PACK 3

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## 5-Part Blitz

1. In what city was the Abbasid academy and library known as The House of Wisdom located?

A: **Baghdad**

2. James Gunn and Peter Safran are the co-heads of which film company?

A: **DC Studios** (prompt on: **DC**)

3. Michelangelo was commissioned by Pope Julius II to paint the ceiling of which building?

A: **Sistine Chapel**

4. Which Canadian city is home to the first ever Tim Hortons?

A: **Hamilton** (accept: **North Bay**)

5. What is the scientific name for the bony part of the kneecap?

A: **patella**

## Set of 4: Numbered Books

All answers are the title of a book with a number in them.

6. Yossarian and Major Major Major Major are characters in which Joseph Heller work?

A: **Catch-22**

7. The fictional town Macondo is the setting of which novel about the Buendia family, written by Gabriel Garcia Marquez?

A: **100 Years of Solitude** (accept: **Cien Años de Soledad**)

8. 227 days are spent lost at sea by a man and a tiger in which Yann Martel novel?

A: **Life of Pi**

9. Guy Montag is a fireman whose job is to burn houses and the books they contain in which novel by Ray Bradbury?

A: **Fahrenheit 451**

## Pyramid – What word am I?

Each clue will reference a different homophone of the same word. Give the word.

10. **Clue A:** One six-letter spelling of me refers to the ability for someone to cope with a difficult situation. What word am I?

**Clue B:** One six-letter spelling of me means to mess with something. What word am I?

**Clue C:** One five-letter spelling of me is a kind of element which has such physical properties as high lustre, and high electrical and heat conductivity. What word am I?

**Clue D:** One five-letter spelling of me is a common prize for winning a competition. What word am I?

A: mettle, meddle, metal, medal (any of these answers is acceptable)

#### Set of 4: Primates

11. Bonobos and which other species of great ape make up the genus *Pan*, the extant genus most closely related to *Homo*?

A: chimpanzees (accept: *Pan troglodytes*)

12. Which superfamily of primates includes the main character of *Zooboo*, as well as the indri, mouse, and ring-tailed species?

A: lemurs (accept: *Lemuroidea*)

13. The first primate in space was a member of which species, which also names a blood group system that has positive and negative types?

A: rhesus macaque (accept: *Macaca mulatta*, any answer containing rhesus)

14. Canadian primatologist Biruté Galdikas is an expert on what great apes, which have a name deriving from the Malay for "forest man"?

A: orangutans (accept: *Pongo*)

#### Double Jump

15. Named after a legendary Maple Leafs owner, what trophy is awarded to the NHL's best playoff performer?

A: Conn Smythe trophy

16. Which undrafted forward won the 2023 Conn Smythe trophy during the Vegas Golden Knights's Stanley Cup run?

A: Jonathan Marchessault

## Double Jump

17. What largest freshwater lake in Africa was named for the second-longest ruling British monarch?

A: Lake **Victoria**

18. The second largest African Great Lake by volume, what is the only Great Lake to share its name with a country?

A: Lake **Malawi**

## Mystery Link

19. Kirsten Dunst played which main love interest of Spiderman in a Sam Raimi film?

A: **Mary Jane** Watson (prompt on: **MJ**)

20. What four-letter adjective can be found as the first word in the names of an Antipodean coffee beverage and a children's book series about Stanley Lambchop?

A: **flat**

21. What name is given to both a neighbourhood in New York City and a Premier League football team based in London?

A: **Chelsea**

22. What singer-songwriter is known for songs such as "No," "All About that Bass," and "Made You Look"?

A: Meghan **Trainor**

What type of knife fits the category?

A: **stiletto**

All are types of shoes.

END OF FIRST QUARTER

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SECOND QUARTER

## Splits: Australian Geography and Jewish Holidays

### Australian Geography

24. What third-largest Australian island is located off the coast from Adelaide and is named after an iconic local animal?

A: **Kangaroo** Island

25. What two-word Northern Territory city is located near Uluru and the geographic centre of Australia?

A: **Alice Springs**

26. Denmark, Kalgoorlie, Albany, Bunbury, and Perth are all communities in which Australian state?

A: **Western Australia**

27. What capital of the Northern Territory is named after a famous scientist?

A: **Darwin**

### Jewish Holidays

28. Which holiday is celebrated by eating round challah bread, dipping apples in honey, blowing a horn called a shofar, and is equivalent to New Year's?

A: **Rosh Hashanah**

29. Which holiday involves the construction of a temporary dwelling, as well as shaking a palm frond known as a lulav and blessing a fruit known as an etrog?

A: **Sukkot**

30. Which holiday's duration might derive from its modelling after the holiday of Sukkot, but is perhaps more commonly said to originate from the miracle of one day's oil lighting a menorah for eight days?

A: **Hanukkah**

31. Which holiday features triangle-shaped cookies called Hamantaschen, and celebrates the saving of the Jewish people as told in the Book of Esther?

A: **Purim**

#### Set of 4: Pixar Movies in French

Each answer will be the English title of a Pixar movie.

32. What Pixar film was released in Quebec as *Les Bagnoles*, featuring main character Flash McQueen?

A: **Cars**

33. What Pixar film was released in Quebec as *Âme*, but was released in France under its original four-letter English title?

A: **Soul**

34. What 2012 Pixar film was released as *Rebelle* in French?

A: **Brave**

35. What Pixar film was released in France as *Les Indestructibles*, but was more literally translated as *Les Incroyables* in Quebec?

A: *The* **Incredibles**

#### Set of 4: Ethers

36. In organic chemistry, an ether is classified by the bonding of which element to 2 aryl or alkyl groups?

A: **oxygen** (accept: **O**)

37. In the MCU, which infinity stone is surrounded by a substance known as the ether?

A: **reality** stone

38. The Michelson-Morley experiment failed to prove that what kind of wave travels through a medium known as the ether?

A: **light** (accept: **electromagnetic** wave)

#### Double Jump

39. Which seafaring civilization, who used the first known alphabet, founded colonies like Byblos and Carthage around the Mediterranean?

A: **Phoenicians**

40. Which Phoenician city was the legendary birthplace of Dido, Queen of Carthage, and gave its name to a purple dye made from the Murex snail?

A: **Tyre**

## Double Jump

41. What reality TV show revolves around a group of castaways trying to live on an island for 39 days?

A: Survivor

42. What follows the words "Outwit. Outplay." to complete Survivor's motto?

A: Outlast.

## Linked Set of 6

43. Located in Wales, what title building of a William Wordsworth poem was founded in the twelfth century by Cistercian monks?

A: Tintern Abbey

44. Which actress, notable for her role in Harry Potter, played the Dowager Countess of Grantham, Violet Crawley, in *Downton Abbey*?

A: Dame Maggie Smith

45. Fuji, Silken, Aurora, and Granny Smith are all types of what fruit?

A: apple

46. Chief operating officer until 2011, who is the current CEO of Apple?

A: Tim Cook

47. In which city is the most populous county in Illinois, Cook County, located?

A: Chicago

48. Which advisor to Ronald Reagan and Margaret Thatcher and author of *Capitalism and Freedom* helped establish the Chicago school of economics?

A: Milton Friedman

END OF FIRST HALF

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THIRD QUARTER

## Splits: Andy Warhol and Ethics

### Andy Warhol

49. Warhol depicted what product over thirty-two canvases, including flavours like bean with bacon, cream of vegetable, and chicken noodle?

A: **Campbell's Soup**

50. The incorporation of commercial culture into art was an important part of Warhol's involvement with which artistic movement?

A: **Pop Art**

51. An important gathering place for artists, what name was given to Warhol's New York studio, where an assembly line-like process was used to produce his famous prints?

A: The **Factory**

52. Which Warhol-managed band made an album with a Warhol print of a banana on its cover in a collaboration with German singer Nico?

A: The **Velvet Underground**

### Ethics

53. Judith Jarvis Thomson discussed a "fat man" variant to which ethical dilemma, which in its most common form involves choosing between saving one or five people?

A: **trolley** problem (accept: **trolley** dilemma and equivalents)

54. The drowning child thought experiment was developed by which modern moral philosopher, perhaps better known for his positions on animal welfare?

A: Peter **Singer**

55. Jeremy Bentham and John Stuart Mill developed which moral theory, which prioritises maximising pleasure and minimising pain?

A: **utilitarianism**

56. Who came up with a thought experiment about lying to a murderer and suggested that morality was about acting in universalizable ways in accordance with his categorical imperative?

A: Immanuel **Kant**

#### Set of 4: Cape Breton Island

57. Which inventor, who contributed to the first flight in Canada while living on Cape Breton Island, is most well-known for having invented the telephone?

A: Alexander Graham **Bell**

58. What non-official language features on many road signs in Cape Breton, owing to the island's Scottish heritage?

A: Cape Breton **Gaelic** (accept: Scottish **Gaelic**) (do not accept: **Scottish**)

59. A scenic road on Western Cape Breton is named after which Italian-born, English-sponsored explorer, who reached Canada in 1497?

A: John **Cabot** (accept: Giovanni **Caboto**)

60. The Cape Breton Highlands are part of which mountain chain, which stretches southeast into the state of Alabama?

A: **Appalachian** Mountains

#### Jailbreak

61. What is the full name of the publisher of the Blue Book for organic chemical nomenclature, IUPAC?

A: **International Union of Pure and Applied Chemistry**

62. What breakaway state on the Dniester River, with its capital at Tiraspol, is internationally recognized as part of Moldova?

A: **Transnistria**

63. What was the nickname given to the terrorist who was identified by linguistic analysis of *Industrial Society and Its Future* to be Ted Kaczynski?

A: The **Unabomber**

64. A pilot crashed in the Sahara meets the former inhabitant of asteroid B-612 in which Antoine de Saint-Exupéry novella?

A: *The* **Little Prince** (accept: *Le* **Petit Prince**)

65. Who co-created Seinfeld along with Jerry Seinfeld?

A: Larry **David**

66. Which artist painted a man with an apple in front of his face in *The Son of Man* and a pipe with the caption "Ceci n'est pas une pipe" in *The Treachery of Images*?

A: Rene **Magritte**

67. Prospero and Antonio are major characters in which Shakespeare play?

A: *The* **Tempest**

68. The last country to abolish slavery, doing so in 1981, was which Northwestern African country with capital at Nouakchott [noo-AAK-shaat]?

A: **Mauritania**

69. Which Ethiopian marathoner famously won at the 1960 Rome Olympics without shoes?

A: Abebe **Bikila**

70. In *Undertale*, who is the first character you meet, a plant who becomes the primary antagonist of the game?

A: **Flowey** (accept: **Asriel**)

71. What effect, named for a fictitious force, causes storms to circle clockwise in the Northern hemisphere and counter-clockwise in the Southern hemisphere?

A: **Coriolis** effect

72. Connecting the Atlantic to the Mediterranean, what strait is named for a British overseas territory?

A: Strait of **Gibraltar**

73. Which economic term refers to the cost incurred by not receiving the potential benefits of a different choice?

A: **opportunity** cost

## END OF THIRD QUARTER

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## FOURTH QUARTER

### Pyramid – What am I?

74. **Clue A:** I can be calculated by summing across the shallow diagonals of Pascal's triangle, and give rise to Zeckendorf representations of numbers. What am I?

**Clue B:** From a formula named for Binet, I converge to a constant times a power of the number one plus the square root of five, all over two. What am I?

**Clue C:** I am similar to another object named for Édouard Lucas, and a puzzle with rabbit populations can be used to illustrate me. What am I?

**Clue D:** I am a sequence whose limiting ratio is the golden ratio, beginning 1, 1, 2, 3, 5. What am I?

A: the **Fibonacci** sequence (accept: **Fibonacci** numbers)

## Set of 4: Elton John

75. What singer featured with Elton John on the 2021 song "Cold Heart (Pnau remix)," which sampled John's "Rocket Man"?

A: Dua Lipa

76. Elton John was the fifth singer to receive what honour from Queen Elizabeth II?

A: knighthood (accept: Member of the British Empire, title of sir, or clear equivalents)

77. Along with Tim Rice, Elton John co-wrote the music for what Disney movie, for which he also performed versions of "Can You Feel The Love Tonight" and "Circle of Life"?

A: *The* Lion King

78. At Live Aid, Elton John performed the song "Don't Let the Sun Go Down on Me" with what Wham! singer?

A: George Michael

## Streak

79. Name up to all 5 current leaders of political parties which have seats in the Canadian House of Commons.

A: Justin Trudeau (Liberal) (prompt on: Trudeau)  
Pierre Pollievre (Conservative)  
Yves-François Blanchet (Bloc Québécois)  
Jagmeet Singh (NDP)  
Elizabeth May (Green)

## Streak

80. After velocity, what are the next five derivatives of position?

A: acceleration  
jerk (accept: jolt, surge, lurch)  
snap (accept: jounce)  
crackle (accept: jaunt)  
pop (accept: pounce)

### 13-Part Blitz

81. How many seconds are in a day?

A: **86,400** seconds

82. What is the name for the text of an opera?

A: **libretto** (accept: **libretti**)

83. Which company owns the generic trademark for hook-and-loop fasteners?

A: **Velcro**

84. Which Great Lake is the smallest by total surface area?

A: Lake **Ontario**

85. How would you spell the name for someone who collects coins and currencies, numismatist [noo-MIZ-ma-tist]?

A: **N-U-M-I-S-M-A-T-I-S-T**

86. Who was the winner of the third season of *RuPaul's Drag Race All Stars*?

A: **Trixie Mattel** (prompt on partial answers) (accept: Brian Michael **Firkus**)

87. What is the Japanese name for pufferfish?

A: **fugu**

88. Which men's tennis player is the number one ranked in the world, impressive given his age of 36?

A: Novak **Djokovic**

89. Which phase of mitosis, which involves disassembly of the nucleolus, formation of spindle fibres, and condensation of chromosomes, is the first phase?

A: **prophase**

90. Robinson Crusoe Island is found in what country, whose second most populous metropolitan area is Valparaiso?

A: Republic of **Chile**

91. Milly Alcock plays a young version of Princess Rhaenyra Targaryen on what 2022 *Game of Thrones* spinoff?

A: **House of the Dragon**

92. A prime minister of what country set a world record for drinking a yard of ale in 11 seconds, and was named Bob Hawke?

A: Commonwealth of **Australia**

93. Which Canadian poet wrote "In Flanders Fields"?

A: John **McCrae**

END OF GAME