



2024-25 High School Qualifier (B Division) (T2) – Pack 3

Head Editor: *Ian Greig*

Writers/Editors: *Odin Fisher-Skau, Max Gedajlovic, Ian Greig, Paul Kasiński, Yadu Kukenthiran, Jenny Mao, Malhaar Moharir, Jack van Nostrand, Ryan Sharpe, Joe Su, Isaac Thiessen, Zhongtian Wang, Adrian Wong*

PACK 3

5-Part Blitz

1. A barn and grey house are visible on the horizon above a field where a woman in a pink dress sits on her side in what 1948 painting by Andrew Wyeth?
A: **Christina's World**
2. Blackshark and Kraken are product lines from what company that describes itself as "For Gamers. By Gamers"?
A: **Razer**
3. In which American state does the Kissimmee River flow into Lake Okeechobee, which drains into the Everglades?
A: **Florida**
4. Who narrowly beat out two-time winner Lamar Jackson to win his first NFL MVP, after previously knocking Jackson's Ravens out of the playoffs?
A: Josh **Allen**
5. What gas, the third in the alkane series, is commonly used as fuel for barbecues?
A: **propane**

Double Jump

6. Who fled to Moscow on December 8th, bringing an end to a 14-year-long civil war in which his government killed hundreds of thousands of Syrian civilians?
A: Bashar al-**Assad**
7. Headed by Abu-Mohammed Al-Julani, what moderate Islamist group led the toppling of Assad and now governs most of Syria?
A: Hay'at **Tahrir al-Sham** (accept: **HTS**)

Double Jump

8. The title boy survives 227 days on a lifeboat across the Pacific Ocean in what novel by Yann Martel?
A: **Life of Pi**
9. What is the name of the Bengal tiger that accompanies Pi on the lifeboat?
A: **Richard Parker**

Set of 4: Wells

10. Wells draw water from what underground layers of rock?
A: **aquifers**
11. In the phrase "They played well", what part of speech is the word "well"?
A: **adverb**
12. One piece is included for every major and minor key in each book of what composition by Johann Sebastian Bach?
A: The **Well-Tempered Clavier**
13. What kind of well often uses a pumpjack or a derrick to draw from the reservoir?
A: **oil** well (accept: natural **gas** well)

Jackpot

14. Part 1: An adult animated television series set in a fantastical and hyper-violent version of what kind of location features a character inspired by Willy Wonka?
15. Part 2: Another TV series set in this kind of location was the first one-hour dramatic program to be produced by HBO and contains several references to the works of L. Frank Baum.
16. Part 3: Despite being engaged to Larry Bloom, the lead character of a show set in this kind of location rekindles her old relationship with Alex Vause after they reunite.
17. Part 4: Piper Chapman is sent to Litchfield, an all-female version of this kind of institution, in *Orange is the New Black*.
A: **prison** (accept: **jail**)

Set of 3: Endangered UNESCO World Heritage Sites

18. Virunga National Park is an endangered site in the Democratic Republic of the Congo which serves as a habitat for what large primate?
A: eastern **gorilla** (accept: mountain **gorilla**)
19. The historic centre of what large port city on the Black Sea is listed as endangered due to the ongoing Russia-Ukraine conflict?
A: **Odesa**
20. Vulnerable to climate change, the largest pre-Columbian city of what empire is preserved in the Chan Chan Archaeological Zone site in Peru?
A: **Incan** Empire

5-Part Blitz

21. Who are the two title characters of a movie subtitled *Quantumania*, released by Marvel in 2023?
A: **Ant-Man** AND the **Wasp**
22. Margaret Mead studied the "coming of age" of young girls in what American territory?
A: American **Samoa**
23. What system in the human body has branches called sympathetic and parasympathetic?
A: autonomic **nervous** system
24. What action can be accomplished by pressing the shift, command, and 4 keys on a Mac, or by pressing the shift, Windows, and S keys on a Windows PC?
A: taking a **screenshot/screen grab/screen capture** (accept clear equivalents) (accept: **print screen**)
(prompt on: taking a picture)
25. In Saint-Saëns's *The Carnival of the Animals*, what animal is represented by ascending chords that grow faster and louder to emulate its hopping?
A: **kangaroo**

END OF FIRST QUARTER

SECOND QUARTER

Split: 19th-Century China & Country Music

19th-Century China

26. Two wars were fought between China, the UK, and France over what substance?
A: **opium**
27. A man claiming to be Jesus's brother, Hong Xiuquan ["SHEE-oo-chwahn"], led a religious Heavenly Kingdom during what mid-19th century rebellion?
A: **Taiping** Rebellion
28. Qing ["ching"] dynasty court politics were dominated from 1861 onwards by what conservative Empress Dowager?
A: **Cixi** ["TSEE-shee"]
29. What city became known as "Old Gold Mountain" after Chinese miners joined the California Gold Rush?
A: **San Francisco**

Country Music

30. Who is described as having "flaming locks of auburn hair" in a song in which Dolly Parton begs "please don't take my man"?
A: **Jolene**
31. What abusive ex-husband of Wanda is told "goodbye" in a hit song by the Chicks?
A: **Earl**
32. Known as the man in black, what country legend released the songs "Ring of Fire" and "I Walk the Line"?
A: Johnny **Cash**
33. What song with the lyrics "make lots of noise, kiss lots of boys" was the third platinum single for Kacey Musgraves?
A: **"Follow Your Arrow"**

Double Jump

34. Sulphuric acid has what chemical formula?
A: **H2SO4**
35. Sulphurous acid, which is derived from the sulphite anion, has what chemical formula?
A: **H2SO3**

Double Jump

36. Spell the noun for the occupation of someone like Eugene Ionesco or Anton Chekhov, playwright.
A: **P-L-A-Y-W-R-I-G-H-T**
37. Spell the noun for the occupation of someone who would treat you for glaucoma, ophthalmologist.
A: **O-P-H-T-H-A-L-M-O-L-O-G-I-S-T**

Set of 4: Subgenres

38. What kind of crime fiction features cynical detectives such as Philip Marlowe and Sam Spade?
A: **hardboiled**
39. Many of David Cronenberg's films fall under what subgenre, which use disturbing or grotesque physical changes as their primary source of fear and revulsion?
A: **body horror** (accept: **biological horror**)
40. What adjective describes science fiction that focuses on scientific rigour and accuracy?
A: **hard**
41. What kind of comedy derives its humour from cartoonish, over-the-top physical antics?
A: **slapstick** comedy

5-Part Mystery Link

42. What flower gives its name to an electrical wiring scheme where multiple devices are wired together in sequence?
A: **daisy**
43. What word broadly refers to outtakes that can be collected into a gag reel to be shown in the credits or bonus features of a movie?
A: **bloopers**
44. The family Bufonidae contains examples, such as the invasive cane species, of what terrestrial amphibians?
A: **toads**
45. What fruit forms part of a nickname for the state of Georgia?
A: **peach**
46. A Spaniard with the surname Hermoso, a German with the surname Gomez, and an Italian with the surname Balotelli are all soccer players who share what first name?
A: **Mario**

4-Part Blitz

47. What American astronomer championed the theory of Martian canals, and names the observatory at which Pluto was discovered?
A: Percival **Lowell**
48. What type of appetizer, consisting of a savoury food on top of a cracker or small piece of bread, has a name coming from the French word for "sofa"?
A: **canapé**
49. What is the capital of the Philippines?
A: **Manila**
50. *Death Stranding* is the latest video game by what Japanese designer better known for the *Metal Gear* series?
A: Hideo **Kojima**

END OF FIRST HALF

THIRD QUARTER

Splits: Asian Rivers & Hairstyling

Asian Rivers

51. What river enters the South China Sea near Macau and Hong Kong, giving its name to a megalopolis in that area?
A: **Pearl** River
52. Most of the border between China and North Korea is formed by what river?
A: **Yalu** River
53. What is the holiest river in Hinduism?
A: **Ganges** River
54. The Amu Darya and Syr Darya rivers flowed into what large lake until they were diverted for agriculture, causing this lake to dry up?
A: **Aral Sea**

Hairstyling

55. Designed by Lorraine Massey and discouraging the use of shampoo, what three-word name is given to a guide for maintaining a specific type of natural hair texture?
A: **Curly Girl Method**
56. What substance became popular in the 1950s and 1960s due to its use in quiffs and pompadours, and gives hair a shiny appearance?
A: **pomade**
57. What technique involves combing hair backwards towards the root to give it more volume?
A: **teasing** (accept: **ratting**) (accept word forms)
58. What food item names a men's hairstyle recently popularized by TikTok, characterized by tapered sides and layered curls on top?
A: **broccoli**

Set of 3: Hitting

59. What is the highest value hand in blackjack in which the dealer is always required to hit?
A: **16**
60. Getting a single, double, triple, and home run in the same baseball game is known as what?
A: hit/hitting for the **cycle**
61. What term is given to the boxing punch where someone hits the base of their opponent's chin from below?
A: **uppercut** (accept: **undercut**)

Jailbreak

62. Bulgaria and Romania are the two newest additions to what zone, which has removed border controls between member countries?
A: **Schengen** Area/Zone
63. In what city did Filippo Brunelleschi design the iconic dome of the city's namesake cathedral?
A: **Florence**
64. What number refers to the current incarnation of the French Republic?
A: **fifth** (accept: **five**)
65. In what country could you experience a phenomenon known as catatumbo lightning, which takes place in its Lake Maracaibo?
A: **Venezuela**
66. What unit of speed is equal to one nautical mile per hour?
A: 1 **knot**
67. Who won her three Best Actress Oscars for playing a grieving mother in Missouri, an Amazon employee living in a van, and a pregnant police chief?
A: Frances **McDormand**
68. The name of what African country's capital is an anagram of the river on which it sits, the Ubangi?
A: **Central African Republic** (accept: **CAR**)
69. The Greek root "hecto-" refers to what number?
A: one **hundred**
70. What name is given to the area in which pharaohs of the New Kingdom of Ancient Egypt were buried?
A: **Valley of the Kings**
71. The musicals *Here We Are*, *Follies*, and *Sweeney Todd* were written by what American?
A: Stephen **Sondheim**
72. What Scottish surname is used in the UK to mean a raincoat?
A: **Mackintosh**

73. What composer led the Figlie di Coro, an ensemble of orphaned and abandoned girls in Venice, and was nicknamed "the red priest"?
A: Antonio **Vivaldi**
74. What two modern-day European countries were known as Al-Andalus when they were under Islamic rule during the Middle Ages?
A: **Spain** AND **Portugal**
75. Either player loses immediately if DEFCON 1 is reached during their own action round, in what two-player strategy game that simulates the Cold War?
A: ***Twilight Struggle: The Cold War, 1945-1989***

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: What author described how he "met Murder on the way" who "had a mask like Castlereagh" in a poem in which he repeated the line "Ye are many - they are few"?
77. Part 2: This author of *The Masque of Anarchy* opened a political sonnet by describing "An old, mad, blind, despised, and dying King".
78. Part 3: This author of "England in 1819" began with the line "Hail to thee, blithe Spirit" in his poem "To a Skylark". The narrator of another poem by this author describes meeting a "traveller from an antique land".
79. Part 4: This poet wrote the line "Look on my Works, ye Mighty, and despair" in the poem "Ozymandias".
A: Percy Bysshe ["BISH"] **Shelley**

Streak

80. Excluding the brief service of Georgy Malenkov, name up to every leader of the Soviet Union.

A: Vladimir Ilyich **Lenin** (accept: Vladimir Ilyich **Ulyanov**)

A: Joseph/Iosif **Stalin** (accept: Joseph/Iosif **Dzhugashvili**)

A: Nikita **Khrushchev**

A: Leonid **Brezhnev**

A: Yuri **Andropov**

A: Konstantin **Chernenko**

A: Mikhail **Gorbachev**

Streak

84. Name up to every daughter of Cronus, the sisters of Zeus.

A: **Hera**

A: **Demeter**

A: **Hestia**

Set of 4: Math

Provide the whole number value on either side of the decimal answer. For example, if the question was "What is 10 divided by 3?", either 3 or 4 would be accepted.

85. What is 200 divided by 11?
A: **18 OR 19**
86. What is the square root of 1000?
A: **31 OR 32**
87. What is the circumference of a circle with radius 4?
A: **25 OR 26**
88. What is the sine of 70 degrees?
A: **0 OR 1**

12-Part Blitz

89. The Belmont clan repeatedly kills Dracula in what series of platformers?
A: **Castlevania**
90. What is the largest American city that lies mostly below sea level?
A: **New Orleans**
91. What desert makes up most of the range where Joshua trees grow?
A: **Mojave** desert
92. The siege of Alesia saw the capture of what Gallic leader?
A: **Vercingetorix**
93. The Sandbagger Invitational is a recurring golf event run by what podcast, on which Whit and BizNasty discuss hockey?
A: **Spittin' Chiclets** (prompt on: Chiclets)
94. In 1912, who proposed the initially controversial theory of continental drift, which later came to be accepted as part of plate tectonics?
A: Alfred **Wegener** ["VEGG-en-er"]
95. In British Columbia, Manitoba, Quebec, and Newfoundland and Labrador, what is by far the most common method of energy generation?
A: **hydroelectric** power (accept: **water** power, **hydroelectric dams**) (prompt on: dams)
96. What peninsula breaks off from its continent and starts floating across the ocean in *The Stone Raft*, written by Jose Saramago?
A: **Iberian** peninsula
97. What quantity, the inverse of the optical power, describes how well a system can converge or diverge light?
A: **focal length**
98. What kind of vehicle is asked to "swing low" in an African-American spiritual?
A: sweet **chariot**
99. What modern-day country was formed when Piedmont-Sardinia led a unification movement in the 19th century?
A: **Italy**
100. What does the initialism MSRP, often used in car sales, stand for?
A: **manufacturer's suggested retail price**

END OF GAME