



2024-25 Post-Secondary Qualifier (T2) – Pack 3

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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. The Kissimmee river flows into what lake, the largest freshwater lake in Florida?
A: Lake **Okeechobee**
4. What two running backs are finalists for NFL Offensive Player of the Year this season?
A: Saquon **Barkley** AND Derrick **Henry**
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: An organization called The Company was responsible for sending Lincoln Burrows to this kind of location, after which he is rescued by his brother Michael Scofield, who is portrayed by Wentworth Miller.
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 city in western Ukraine is listed as endangered due to the ongoing conflict with Russia?
- A: **Lviv** ["luh-VEEV"]
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 are the two branches of the autonomic nervous system?
- A: **sympathetic** nervous system (prompt on: **SNS**) AND **parasympathetic** nervous system (prompt on: **PNS**)
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" in Cantonese after an influx of Chinese miners?
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. With Conway Twitty, who released the duet "Louisiana Woman, Mississippi Man" and also released the solo song "Coal Miner's Daughter"?
A: Loretta **Lynn**
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. With a PKA1 of -2.8 and a PKA2 of 2, what diprotic acid has chemical formula H₂SO₄?
A: **sulphuric** acid
35. An oxide of what element is used as a catalyst in the contact process for creating sulphuric acid?
A: **vanadium** (accept: **V**)

Double Jump

36. Spell the noun for the occupation of someone like David Mamet or Eugene Ionesco, 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. Popular in movies from the 1930s to the 1950s, what subgenre is characterized by satirical romantic relationships, farcical situations, and rapid, witty dialogue?
A: **screwball** 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 river flows past Hanoi and enters the Gulf of Tonkin?
A: **Red** River
54. In what city is the Ota River spanned by the Aioi ["EYE-oy"] Bridge?
A: **Hiroshima**

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. Who designed the dome of the Florence Cathedral?
A: Filippo **Brunelleschi**
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".
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 the degree measure of the smallest angle in a 3-4-5 right triangle?
A: **36** degrees OR **37** degrees
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 two Italian regions were ruled by the House of Savoy in the 18th and 19th centuries until leading the unification of Italy?
A: **Piedmont** AND **Sardinia**
100. What does the initialism MSRP, often used in car sales, stand for?
A: **manufacturer's suggested retail price**

END OF GAME