



2023-24 Post-Secondary Championship (T4) – Pack 9

Head Editor: *Paul Kasiński*

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

PACK 9

5-Part Blitz

1. What word means to win a game on your opponent's serve in tennis?
A: **break** (accept word forms)
2. Throughout the 1800s, what country's navy followed the two-power standard, which required it to stay as large as the next two largest navies combined?
A: **United Kingdom** of Great **Britain** and Ireland (accept either bolded part) (accept: **UK**)
3. Within 1 percent, what is the average salinity of the world's oceans?
A: **3.5%** (accept any answer from **2.5%** to **4.5%**)
4. In what process does a plant grow from a seed to a seedling?
A: **germination** (accept word forms)
5. What word is Canadian slang for a couch?
A: **chesterfield**

Double Jump

6. What element, which burns a bright yellow in the flame test, is the second-lightest alkali metal?
A: **sodium** (accept: **Na**)
7. The yellow D1 and D2 lines of what solar spectroscopic series correspond to sodium's absorption spectra?
A: **Fraunhofer** lines

Double Jump

8. In a depiction of a Roman legend, three brothers on the left reach for a sword being held by their father in what Neoclassical painting by Jacques-Louis David?
A: ***Oath of the Horatii***
9. In another painting inspired by Roman legends, David showed lictors bringing the dead bodies of what man's sons to him after he had ordered their execution?
A: Lucius Junius **Brutus**

Set of 4: Acronyms with Multiple Meanings

Given two different meanings of an acronym or initialism, give the acronym or initialism.

10. The type of electrical supply promoted by Thomas Edison in his rivalry with George Westinghouse, and the region where the Lincoln Memorial and United States Capitol can be found.
A: **DC**
11. A thoroughfare built to fulfill a promise to British Columbia, and a technique to keep blood and oxygen flowing until the heart can be restarted.
A: **CPR**
12. A set of symbols used to express all of the sounds made by human languages, and a hoppy style of beer.
A: **IPA**
13. A process in which the impact of a proposed building project is evaluated, and a movement that supports using evidence to maximise the good one does for others.
A: **EA**

Jackpot

14. Part 1: The Cia-Cia people of what country have adopted the Hangul script from Korea to write their language?
15. Part 2: This country is home to a salad called gado gado, as well as to a food consisting of fermented soybeans processed into a cake form.
16. Part 3: That soybean cake is called tempeh. The anthropological practice of “thick description” is exemplified in Clifford Geertz’s “Notes” on a cockfight in this country.
17. Part 4: Puppet theatre called wayang is accompanied by a percussion orchestra playing gamelan music in this country, the world’s most populous with a majority-Muslim population.
A: **Indonesia**

Set of 3: Orbits

18. Kepler’s first law states that orbits take what shape?
A: **ellipse** (accept: **elliptical**)
19. What scientist devised a thought experiment in which a very tall cannon fires a cannonball at just the right speed so that the effects of gravity and Earth’s curvature result in a circular orbit?
A: Isaac **Newton**
20. What scientist names five equilibrium points for the three-body problem when two of the bodies are much more massive than the third?
A: Joseph-Louis **Lagrange**

5-Part Blitz

21. What composer included A Dance of Clowns, a rapid 3/8 [“three-eight”] Scherzo, and a Wedding March in his incidental music for *A Midsummer Night’s Dream*?
A: Felix **Mendelssohn**
22. Height times pi R squared is the formula for the volume of what kind of shape?
A: **cylinder**
23. Whom did John Travolta call “Adele Dazeem” when introducing her to sing “Let It Go” at the Oscars in 2014?
A: Idina **Menzel**
24. What language uses a symbol called the eszett, which is sometimes typographically substituted with a double “S”?
A: **German**
25. “Debout, les damnés de la terre” begins what communist anthem?
A: “The **Internationale**” (accept: “**l’Internationale**”)

END OF FIRST QUARTER

SECOND QUARTER

Splits: Poetry by Line & American Mountains

Poetry by Line

Given a line of poetry, give the author who wrote it.

26. "Ah distinctly I remember it was in the bleak December; and each separate dying ember wrought its ghost upon the floor."
A: Edgar Allen **Poe**
27. "And time yet for a hundred indecisions; and for a hundred visions and revisions; before the taking of a toast and tea."
A: T.S. **Eliot**
28. "Theirs not to make reply, theirs not to reason why, theirs but to do and die. Into the valley of death, rode the 600."
A: Alfred, Lord **Tennyson**
29. "The ship is anchor'd safe and sound, its voyage closed and done. From fearful trip the victor ship comes in with object won."
A: Walt **Whitman**

American Mountains

30. Which state contains Mount Elbert, the highest peak in the Rockies?
A: **Colorado**
31. What mountain range, older than the Rockies, runs down the eastern coast of the US as far south as Alabama?
A: **Appalachian** Mountains
32. Mount Whitney, the highest mountain in the contiguous US, and the Sierra Nevada are located in which state?
A: **California**
33. The contiguous United States' most topographically prominent, what is the highest mountain in the state of Washington?
A: Mount **Rainier** (accept: **Tahoma**)

Double Jump

34. In what two-player strategy game do players race to "bear off" all of their pieces as they move in opposite directions around a board made up of 24 tall points?
A: **backgammon**
35. How many pieces does each player have in a game of backgammon?
A: **15**

Double Jump

36. What superhero moniker has been held by people including Jay Garrick, the grown-up Wally West, and Barry Allen?
A: The **Flash**
37. The second Flash, Barry Allen, died during what massive crossover event while stopping a plan of the Anti-Monitor?
A: "**Crisis on Infinite Earths**"

Set of 4: The Eastern Orthodox Church

38. What city is home to the ecumenical patriarch, the archbishop considered "first among equals" out of Orthodox bishops?
A: **Istanbul** (accept: **Constantinople**)
39. The schism between east and west deepened after which crusade, in which a Catholic army changed course and sacked Constantinople instead of Jerusalem?
A: **Fourth** Crusade

40. What term referred to the Orthodox Russians who rejected the reforms of Patriarch Nikon in the mid-1600s and were consequently subject to intense persecution?
A: **Old Believers**
41. Eastern Orthodox Christians use what Greek word, translating roughly as "God-bearer", to refer to Mary?
A: **Theotokos**

Set of 4: Famous Dresses

42. Whose wedding gown featured a veil embroidered with flowers representing each of the Commonwealth countries, as well as the California poppy in honour of her home state?
A: Meghan **Markle** (accept: Meghan, **Duchess of Sussex**) (prompt on: Meghan)
43. Artist Jana Sterbak created a dress out of what material, which was also used for a dress worn by Lady Gaga at the 2010 MTV Video Music Awards?
A: raw **meat** (accept: raw **beef**)
44. During a 1997 performance, singer Geri Halliwell wore a dress depicting what flag?
A: **Union Jack** (accept: **British/United Kingdom/UK** flag (accept clear equivalents))
45. Who wore a Gucci dress on the December 2020 cover of *Vogue* magazine, becoming the first man ever to be featured individually on the cover?
A: Harry **Styles**

5-Part Blitz

46. What is the name of the owl who runs the museum in *Animal Crossing: New Horizons*?
A: **Blathers**
47. What group of people were emancipated in Britain by an 1829 act that repealed the penal laws?
A: Roman **Catholics**
48. What is the remainder when 97 is divided by 14?
A: **13**
49. What black and white headscarf has become a symbol of Palestinian nationalism?
A: **keffiyeh**
50. What letter names the holes in the soundboard of a violin?
A: **F**

END OF FIRST HALF

THIRD QUARTER

Splits: Tools and Implements & Country Music

Tools and Implements

51. What tool, often included with IKEA furniture, is effectively a screwdriver with a 90-degree bend?
A: **hex** key (accept: **hex** wrench, **Allen** key, **Allen** wrench)
52. What are tweezers typically called in a medical context?
A: **forceps** (reject: forcep)
53. What aptly named tool is used to measure out 90-degree angles?
A: carpenter's/carpentry/steel **square**
54. A fence is used to hold wooden boards in place as they are being cut by what kind of electric circular saw?
A: **mitre** saw

Country Music

55. During a concert in London, what band said they were ashamed to be from the same state as George W. Bush? They later released a song about the backlash called "Not Ready to Make Nice."
A: The Dixie **Chicks**
56. Who released the singles "Hurricane" and "When it Rains it Pours" from his debut album *This One's For You*?
A: Luke **Combs**
57. Carrie Underwood got her start by winning the fourth season of what show?
A: **American Idol**
58. What Saturday night radio broadcast from a namesake building in Nashville is one of country music's most treasured institutions?
A: *The* **Grand Ole Opry**

Set of 3: At the Workplace

59. Officially known as the Statement of Remuneration Paid, what form identifies the total amount of money paid to an employee in a calendar year?
A: **T4** tax slip/form/document
60. Aside from those who are self-employed, by what date must Canadians submit their tax returns?
A: **April 30th** (accept: **30th** of **April**)
61. At most large workplaces, what department is in charge of the hiring process, as well as resolving discrimination cases and workplace-related disputes?
A: **human resources** department (accept: **HR** department) (reject: human resource department)

Jailbreak

62. The North American finals of what esports were postponed last week because of an incident in which hackers gave players cheats mid-tournament?
A: **Apex Legends** (prompt on: *Apex*)
63. What term refers to the charge carrier in semiconductors represented by the absence of an electron?
A: electron **hole**
64. In what decade did the Meiji restoration begin?
A: **1860s** (prompt on: the '60s)
65. A young girl named Dolores Haze is lusted after by Humbert Humbert in what Vladimir Nabokov novel?
A: **Lolita**
66. The NHL team from Columbus and the CFL team from Winnipeg both have what colour in their names?
A: **blue**
67. What is the name of Apple's proprietary web browser?
A: **Safari**
68. Who composed two suites for military band as well as *The Planets*?
A: Gustav **Holst**
69. Who played leading roles in *Unbreakable*, *The Fifth Element*, and *Die Hard*?
A: Bruce **Willis**
70. Berlin is completely surrounded by what other German state, which shares a name with a famous gate in the city?
A: **Brandenburg**
71. What is the last unique digit to appear in pi?
A: **0**

72. What structure was first built in full to protect against Xiongnu ["SHYONG-noo"] nomads under emperor Qin ["chin"] Shi Huang?
A: **Great Wall** of China
73. In what language does "obrigado" mean "thank you"?
A: **Portuguese**
74. Two alleles of what type are required to express a trait masked by a dominant allele?
A: **recessive**
75. In what body of water are Qatar and Bahrain found?
A: **Persian Gulf**

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: Deputy finance minister David Dodge played a key role in budget decisions under what leader?
77. Part 2: This world leader began their time in power by firing John Crow, the notoriously hawkish head of their country's central bank.
78. Part 3: Through deep cuts to social spending, this prime minister achieved Canada's first balanced budget in 29 years. This prime minister was forced into retirement after losing a power struggle to their longtime finance minister.
79. Part 4: This prime minister notably broke a campaign promise to eliminate the GST. Paul Martin was minister of finance under this prime minister.
A: Jean **Chrétien**

Streak

80. Name up to any four of the six Mexican states that border the United States.
- A: **Baja California** (prompt on: Baja) ["BA-ha"]
- A: **Chihuahua**
- A: **Coahuila**
- A: **Nuevo Leon**
- A: **Sonora**
- A: **Tamaulipas**

Streak

83. Name up to all four non-live performance films starring Monty Python.
- A: ***And Now for Something Completely Different***
- A: *Monty Python and the **Holy Grail***
- A: *Monty Python's **Life of Brian***
- A: *Monty Python's The **Meaning of Life***

Set of 5

84. *Station 19* and *Private Practice* are spin-offs of what TV show, which will soon be starting its 20th season on ABC?
A: **Grey's Anatomy**
85. What Canadian starred as Dr. Cristina Yang on the first 10 seasons of the show?
A: Sandra **Oh**
86. What nickname did Cristina give to the Patrick Dempsey-played Derek Shepherd, Meredith Grey's love interest?
A: **McDreamy**
87. Joining the show in Season 6, what character is the grandson of legendary surgeon Harper Avery and is known for his longrunning relationship with April Kepner?
A: **Jackson** Avery (prompt on: Avery)
88. What executive producer of *Scandal* and *Bridgerton* was the showrunner of *Grey's Anatomy* for its first 10 seasons?
A: Shonda **Rhimes**

12-Part Blitz

89. It's an adjective meaning pertaining to church matters: spell ecclesiastical.
A: **E-C-C-L-E-S-I-A-S-T-I-C-A-L**
90. What two-word term for a stock character who shows moral weakness despite being ordained by the church originates from Graham Greene's novel *The Power and the Glory*?
A: **Whiskey Priest**
91. Other than in a vacuum, what value is required to calculate the speed of light in a given medium?
A: **index of refraction**
92. Kenya is leading a recently-formed international force intended to fight gang violence in what failed state?
A: **Haiti**
93. What Scottish scientist gives his name to the technical term for a thermos or vacuum flask?
A: James **Dewar**
94. What Arabian tribe of merchants ruled Mecca and the surrounding region in the 7th century until being defeated by Mohammed, who had been born into them?
A: **Quraysh**
95. What term colloquially refers to the 20 drivers competing in a Formula 1 season?
A: **grid**
96. What word refers to an artwork painted onto freshly-laid plaster, often adorning walls?
A: **fresco**
97. The anxiolytic drug diazepam was originally marketed under what name?
A: **Valium**
98. A value of 0, 255, 255 on the RGB colour scale corresponds to what specific colour?
A: **cyan**
99. The Mohawk military leader Thayendanagea was known to the English by what name?
A: Joseph **Brant**
100. Commonly used as a quick indicator of company size, what two-word term refers to the value of outstanding shares of a publicly-traded company?
A: **market capitalization**

END OF GAME