



2025-26 Post-Secondary Championship (T3) – Pack 16

Head Editor: *Paul Kasiński*

Writers/Editors: *Nicolas Edwards, Ian Greig, Paul Kasiński, Jenny Mao, Malhaar Moharir, Jack van Nostrand, Joe Su, Isaac Thiessen, Zhongtian Wang*

PACK 16

5-Part Blitz

1. What activity is done by participants at the massive Laulupidu festival, held in Estonia every few years?
A: choral **singing**
2. What is the first line of the poem "Harlem" by Langston Hughes?
A: **"What happens to a dream deferred?"**
3. Who holds the role of creator in the Hindu Trimurti?
A: **Brahma**
4. What four-letter English word comes from the Greek for "indivisible"?
A: **atom**
5. Who currently leads the Major Leagues with 20 home runs through just 46 games?
A: Kyle **Schwarber**

Double Jump

6. The Arabic word for "desert" is the source of the name of what large desert?
A: **Sahara** desert
7. What three-letter word derived from Arabic refers to a broad area of desert covered with wind-swept sand and little vegetation, also called a sand sea?
A: **erg**

Double Jump

8. A teacher-turned-astronaut named Ryland Grace participates in the titular mission of what 2026 science fiction film starring Ryan Gosling?
A: **Project Hail Mary**
9. The discovery of what organisms prompts the creation of Project Hail Mary, in order to investigate a way for them to stop dimming the sun?
A: **astrophages**

Set of 4: Disasters

10. Radio broadcaster Herbert Morrison shouted "Oh, the humanity!" as what dirigible burst into flames, bringing an end to the golden age of airships?
A: L.Z. 129 **Hindenburg**
11. A Union Carbide plant that had been breaking safety regulations killed thousands of people by releasing chemical gases in 1984 in what Indian city?
A: **Bhopal**
12. A hatch that opened inwards and an all-oxygen atmosphere were among the causes of the fire that killed all the members of what space mission during training?
A: **Apollo 1**

13. In what kind of building did multiple walkways suffer a cascading collapse onto a crowded floor in 1981 in Kansas City, killing over a hundred people?
A: **hotel**

Jackpot

14. Part 1: What company operates one restaurant, a taqueria adjacent to their office in Pittsburgh?
15. Part 2: In 2025, this company started offering chess lessons with Oscar as the coach.
16. Part 3: In a 2024 video, this company's mascot revealed that he has an appetite for human flesh and threatened to eat their user's heads "like a praying mantis". In 2025, this company announced that that mascot had died after being hit by a Cybertruck.
17. Part 4: A green owl aggressively reminds users to complete their lessons on this language-learning app.
A: **Duolingo**

Set of 3: Former Names of European Cities

18. What modern-day city was given its current name in 1925 after previously having been named in honour of King Christian IV?
A: **Oslo**
19. Whom was Chemnitz formerly named after, when it was renamed in 1953 during a celebration of this person's 135th birthday by the East German government?
A: Karl **Marx**
20. What was the German name of the city that was founded by the Teutonic Knights, had its historic city centre destroyed by the Soviet Union after World War Two, and is now renamed Kaliningrad?
A: **Koenigsberg**

5-Part Blitz

21. In 1993, what hockey team was relocated to Dallas?
A: **Minnesota North Stars** (accept either bolded part)
22. Legendarily the site of the city's founding, what hill is at the centre of the seven hills of ancient Rome and the site of the Imperial Palaces?
A: **Palatine** Hill
23. In addition to d, r, and spatial coordinates such as x, y, or z, what other letter is often used to represent distance or displacement?
A: **s**
24. In the Koeppen classification, what word describes climates that have distinct seasons but less extreme weather than continental climates?
A: **temperate**
25. A portrait of what person by Jonathan Yeo was noted for its use of red and the inclusion of a butterfly, and was commissioned for its subject's coronation?
A: King **Charles III** (prompt on: King Charles)

END OF FIRST QUARTER

SECOND QUARTER

Splits: Trigonometry & Parisian Landmarks

Trigonometry

26. One over the quantity x squared plus one is the derivative of what function?
A: **arctangent** (accept: **inverse tangent**, **tan inverse**)
27. What is the perimeter of a right triangle with legs 6 and 8?
A: **24**
28. A triangle's altitudes meet at which of its centres?
A: **orthocentre**
29. What function is defined as the ratio between the difference of e to the x and e to the minus x , and the sum of e to the x and e to the minus x ?
A: **hyperbolic tangent** (accept: **tanh**)

Parisian Landmarks

30. The site of the city's annual Bastille Day parade, the Arc de Triomphe and the Place de la Concorde are at opposite ends of what major street?
A: Avenue des **Champs-Élysées**
31. Replacing the Palais de l'Industrie and designed in the Beaux-Arts style, what building was constructed for the 1900 Exposition Universelle?
A: **Grand Palais**
32. Located on the site of the former Palais de la Cité, what Paris landmark formerly acted as a courthouse and prison for those detained during the French Revolution, including Marie Antoinette?
A: **Conciergerie**
33. What complex currently houses several military museums as well as the tomb of Napoleon?
A: Les **Invalides** (accept: **Hôtel des Invalides**)

Double Jump

34. JoJo Fletcher and Kaitlyn Bristowe have held the title role on what reality TV show, whose episodes conclude with male suitors receiving roses?
A: *The* **Bachelorette**
35. Who is the Bachelorette on the upcoming 22nd season, which was temporarily shelved by networks after the release of a video showing her assaulting her boyfriend?
A: Taylor Frankie **Paul**

Double Jump

36. In chemistry, what adjective describes molecules such as oils and alkanes that repel water?
A: **hydrophobic**
37. What adjective describes compounds like surfactants that contain both hydrophobic and hydrophilic groups?
A: **amphiphilic** (accept: **amphipathic**)

5-Part Mystery

38. What band sang "In the desert, you can remember your name / 'Cause there ain't no one for to give you no pain" in "A Horse With No Name"?
A: **America**
39. What name was given to the eight social and military divisions into which all Manchu households were placed during the Qing ["ching"] Dynasty?
A: **Banners** (accept: **qi** ["chee"]) (reveal: **Banners**)

40. What household appliance was one of the six original Monopoly pieces until being replaced by a cat in 2013?
A: clothes **iron**/clothing **iron**
41. In tennis, what name is given to the technology used to track a ball's trajectory and adjudicate whether it is in or out?
A: **Hawk-Eye**
42. What is the two-word common name of *Latrodectus mactans*, known for its bright red markings?
A: **black widows**

Set of 3: Regional Dialects

43. Although the rest of the country will fight over the use of "soda" versus "pop", what four-letter word is commonly used for soft drinks in the American South?
A: **coke**
44. In Quebec, what three-letter short form is used for a corner store?
A: **dep**
45. In the prairies, especially Saskatchewan, hoodies are colloquially known by what animal-influenced compound word?
A: **bunnyhugs**

5-Part Blitz

46. Nicki Minaj and Ty Dolla Sign featured on what 2019 hit by Megan Thee Stallion?
A: **"Hot Girl Summer"**
47. What English Baroque composer is known for the opera *Dido and Aeneas*?
A: Henry **Purcell**
48. Spell the noun meaning a group of things that have been joined or linked together, concatenation.
A: **C-O-N-C-A-T-E-N-A-T-I-O-N**
49. China's borders with Myanmar, Laos, and Vietnam are mostly in which province?
A: **Yunnan** Province
50. The tagline "Men have skin too" was part of an ad campaign by what brand?
A: **Old Spice**

END OF FIRST HALF

THIRD QUARTER

Splits: Horses & Medical History

Horses

51. Equal to four inches, what non-S.I. unit is used to measure the height of horses?
A: **hands**
52. A young female horse of less than four years old is known by what term, contrasted with a mare?
A: **filly** (accept: **fillies**)
53. A maximum shoulder height of around 145 centimetres is set by various sporting organizations to classify what small horses?
A: **ponies** (accept: **pony**)
54. In most Northern Hemisphere competitions, a year is added to a horse's age on what calendar date?
A: **January 1st**

Medical History

55. Dying in 1865 in an insane asylum, what Hungarian doctor was initially ridiculed for his idea that childbirth deaths could be reduced if doctors washed their hands?
A: Ignaz **Semmelweis**
56. What substance had a sulphur atom replaced with a nitrogen to create the first chemotherapy drug from a World War I chemical weapon?
A: **mustard gas**
57. Thought to balance the humours, what practice was often performed using leeches?
A: **bloodletting** (accept: **letting blood**)
58. Who corrected many of Galen's errors when he wrote *On the Fabric of the Human Body* during the Renaissance?
A: Andreas **Vesalius**

Set of 3: Video Game Controllers

59. What appears on the left action button on an X-Box controller, the top action button on a Switch controller, and the bottom action button on a PlayStation controller?
A: letter **X**
60. What company released an 8-directional joystick with a single red button in 1977?
A: **Atari**
61. What console's controller, which featured the optional Rumble Pak accessory and four yellow "c buttons", was notable for its odd three-pronged design?
A: **Nintendo 64** (accept: **N64**)

Jailbreak

62. In what African country is German a recognized minority language?
A: **Namibia**
63. What philosopher elaborated upon Aristotle's unmoved mover argument as the first of his five proofs for the existence of God in the *Summa Theologica*?
A: St. Thomas **Aquinas**
64. What ancient city contained the structure now known as El Castillo?
A: **Chichen Itza**
65. What instrument is used to measure changes in pressure caused by weather?
A: **barometers**
66. Paul Gauguin is known for his many paintings set on what island?
A: **Tahiti**
67. What adjective refers to any cell with a nucleus?
A: **eukaryotic**
68. Who had a massive 2025 hit song in which he lamented not having taken more photos with his loved ones while he could?
A: **Bad Bunny**
69. What three-letter word can mean a theft or a flight in French?
A: **vol**
70. Antonin Dvorak's B-minor Cello Concerto, 12th String Quartet, and Ninth Symphony were all written while he lived in what country?
A: **United States** of **America** (accept either bolded part) (accept: **U.S.A.**)

71. A blank chapter titled "Vanished Into the Clouds" appears in what novel, written by Lady Murasaki in 11th century Japan?
A: *The **Tale of Genji***
72. Frosties are the milkshakes sold by what fast food chain?
A: **Wendy's**
73. What country contains the headquarters of the International Bureau of Weights and Measures, which manages standards such as S.I. units?
A: **France**
74. The Howell couple and the Skipper are among the people trapped in the title location in what 1960s sitcom?
A: ***Gilligan's Island***
75. Jalsa ["HAL-sah"], jaripeo ["ha-ree-PAY-oh"], and the annual encierro in Pamplona all involve what animals?
A: **bulls** (prompt on: cows, cattle)

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: What character lies by saying "The Hotel Flamingo is not the sort of establishment I would dare to be seen in."?
77. Part 2: This character claims to have rejected a potential suitor because "deliberate cruelty is not forgivable", when actually they were the one rejected, because of rumours they had lost their job due to sleeping with an underage student.
78. Part 3: This character receives a birthday gift of a one-way bus ticket to Laurel, and initially arrives by taking public transit to the Elysian Fields.
79. Part 4: This character says "I have always depended on the kindness of strangers" to end *A Streetcar Named Desire*.
A: **Blanche DuBois** (accept either bolded part)

Set of 5: The War in Iran

80. Having expanded its control over Iran during the war, what organization includes groups such as the Quds Force and the Basij militia, and specializes in asymmetric warfare?
A: Islamic **Revolutionary Guard Corps** (accept: **I.R.G.C.**, the **Revolutionary Guards**)
81. A route passing north of what island allowed Iran to collect tolls for ships passing through the Strait of Hormuz, prior to the enforcement of a US blockade?
A: **Larak** Island
82. A Pakistan-negotiated ceasefire in early April failed due to a disagreement over whether Israel's invasion of what other country was included in the agreement?
A: **Lebanon**
83. Also heavily employed by the Russian side during the war in Ukraine, what is Iran's main series of attack drones?
A: **Shahed** drones (accept: **Shaheds**)
84. What island in the Persian gulf is a strategic target because it is responsible for around 90% of Iran's oil exports?
A: **Kharg** Island

Set of 4

85. What word refers to a piece of media in which fictional characters from different sources interact in the same story?
A: **crossovers**
86. What two characters were enemies in their first crossover, but later became allies in a recent film series depicting the conflict between humans and giant monsters?
A: **Godzilla** AND **King Kong**
87. Conceptualized as a "Justice League of Victorian England", what comic book series combines many different characters from 19th and 20th century literature into the titular organization?
A: **The League of Extraordinary Gentlemen**
88. What city was the setting of a 2025 two-episode crossover in which, due to a court order sentencing them to community service, the Gang must volunteer at Abbott Elementary?
A: **Philadelphia** (accept: **Philly**)

12-Part Blitz

89. Which Chinese dynasty is often likened to the Qin ["chin"] because it reunified the country after centuries of division, and lasted only a few decades but laid the groundwork for the long-lasting Tang?
A: **Sui** ["sway"] Dynasty
90. What astronomical event occurs twice with an approximately eight-day gap every 105 and a half years?
A: **transit of Venus** (accept: **transits of Venus**)
91. Amidst an otherwise unremarkable career, what quarterback is best remembered for twice defeating Tom Brady's Patriots in the Super Bowl?
A: **Eli Manning** (prompt on partial answers)
92. The wind god Zephyrus is shown blowing on the title figure as she stands on a giant scallop shell in what painting by Sandro Botticelli?
A: **The Birth of Venus**
93. What term refers to the number of independently varying parameters in a system?
A: **degrees of freedom**
94. The lyric "Stop! Collaborate and listen" comes from what '90s hit?
A: **"Ice Ice Baby"**
95. What is the only numerical rank of playing card whose standard design in diamonds is not symmetric top-to-bottom?
A: **sevens**
96. Which of the basic cloud types is made of ice crystals and forms thin, wispy shapes high in the sky?
A: **cirrus** clouds
97. What economist worked with Kenneth French to describe five- and three-factor models for asset pricing, and formalized the efficient market hypothesis?
A: Eugene **Fama**
98. A second inversion triad is notated using what two numbers in figured bass?
A: **6** AND **4**
99. What is multiplied by applied force to give work?
A: **distance** traveled (accept: **displacement**, **length** travelled)
100. What is the name for an area enclosed with mechtza to allow Orthodox Jews to carry objects outdoors on the Sabbath?
A: **eruvs**

END OF GAME