



2023-24 Post-Secondary Qualifier (T3) – Pack 2

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PACK 2

5-Part Blitz

1. What name, referring to the route travelled by convoys carrying deceased soldiers, is given to the section of Ontario Highway 401 between Trenton and Toronto?
A: **Highway of Heroes**
2. Who founded the Red River colony in what is now Manitoba?
A: Lord **Selkirk** (accept: Thomas **Douglas**)
3. What "C"-word refers to a small porcelain or metal cup used to hold chemical samples over a bunsen burner?
A: **crucible**
4. What actress, who died of a stroke suffered on a 2016 transatlantic flight, posthumously appeared through unused shots of previous movies in the 2019 film *Star Wars: The Rise of Skywalker*?
A: Carrie **Fisher**
5. What did YMCA originally stand for?
A: **Young Men's Christian Association**

Double Jump

6. What 2018 game follows a gang of outlaws including Micah Bell, John Marston, and Arthur Morgan during the decline of the Wild West?
A: **Red Dead Redemption 2** (prompt on: **RDR2**)
7. Arthur Morgan and most of the other central characters are part of what man's gang?
A: **Dutch van der Linde** (accept either bolded part)

Double Jump

8. What Christian period of observance commemorates the time Jesus spent in the desert, and begins roughly 40 days before Easter?
A: **Lent**
9. What Christian feast day celebrates Jesus rising into heaven and becoming exalted, and takes place on the 40th day of Easter?
A: Feast of the **Ascension** (accept: **Ascension Day**)

Set of 4

10. ACE inhibitors help treat what condition, nicknamed the "silent killer", which can be caused by excessive sodium intake or by stress?
A: **high blood pressure** (accept: **hypertension**)
11. What device can be used to measure someone's blood pressure?
A: **sphygmomanometer**
12. What value is calculated as the difference between systolic and diastolic blood pressure?
A: **pulse pressure**
13. What unit is most typically used to measure blood pressure and is expressed as a certain height of a chemical element?
A: **millimetre of mercury**

Jackpot

14. Part 1: In 2021, what website attracted controversy for hiring Aimee Knight, who had been suspended from two British political parties due to her association with sexual offenders?
15. Part 2: Premium users of this website have access to a restricted "lounge". This website's parent company is headed by Steve Huffman.
16. Part 3: In June 2023, many users of this website organized a blackout in response to API changes that would prevent access from third-party apps.
17. Part 4: This website consists of over three million smaller communities. Users of this website gain karma when their comments and posts are upvoted.
A: **Reddit** .com

Set of 3: Stars

18. What brightest star in the constellation Canis Major is nicknamed the "dog star", and is also the brightest star in the night sky?
A: **Sirius A**
19. With a name coming from the Arabic for "the Follower", what is the brightest star in the constellation Taurus?
A: **Aldebaran**
20. It is hypothesized that after the Sun's red giant phase results in a planetary nebula, what sort of stellar remnant will remain?
A: **white dwarf** (prompt on: dwarf)

5-Part Blitz

21. What name is given to an area near the front of a stage at a punk rock or heavy metal concert where people aggressively dance and knock into each other?
A: **mosh pit** (prompt on: the pit)
22. What kind of institution was established in Bologna in 1088, and in Oxford in 1096?
A: **university** (prompt on: school)
23. What unit of length is one trillionth of a metre?
A: **picometre**
24. Shin, Nun, Gimel, and Hay are the sides of what spinning top toy, popular during Hanukkah celebrations?
A: **dreidel**
25. What process in the mantle drives plate tectonics?
A: **convection**

END OF FIRST QUARTER

SECOND QUARTER

Splits: Prohibition & Gymnastics

Prohibition

26. What "T"-word, which means moderation in drinking and other habits, was found in the names of many organizations that supported Prohibition?
A: **temperance**

27. In the United States, Prohibition began with the ratification of which constitutional amendment?
A: **18th** Amendment
28. What name was given to establishments where alcohol was illicitly sold and consumed?
A: **speakeasies**
29. Following the end of Prohibition in Ontario, what organization was created to limit and regulate sales of alcohol to the public?
A: **LCBO** (accept: **Liquor Control Board of Ontario**)

Gymnastics

30. What Romanian gymnast was the first to score a perfect 10 in the Olympics?
A: Nadia **Comaneci** ["co-ma-NEECH"]
31. What "P"-word precedes "horse" in the name of an apparatus used in male artistic gymnastics?
A: **pommel**
32. Who has won 27 Gymnastics World Championships medals as part of Team USA and is considered one of the greatest gymnasts of all time?
A: Simone **Biles**
33. What nickname is given to the condition, previously experienced by Biles among others, where gymnasts lose their sense of body positioning while in mid-air?
A: the **twisties** (prompt on: the yips)

Double Jump

34. Lisa Simpson is a virtuoso on what instrument?
A: baritone **saxophone**
35. What sax player is Lisa's idol and role model, and lends her his saxophone after he and Lisa play "Jazzman" together?
A: **Bleeding Gums Murphy** (accept either bolded part)

Double Jump

36. What simplest alkane has the chemical formula CH₄?
A: **methane**
37. With a VSEPR ["vesper"] model of AX₄ ["a x 4"], what is the molecular geometry of a molecule of methane?
A: **tetrahedral**

Set of 4

38. What song's chorus describes it as a "take back my life song" and a "prove I'm alright song", and was recorded by Rachel Platten?
A: **"Fight Song"**
39. What Public Enemy song was written for the soundtrack to Spike Lee's film *Do The Right Thing*?
A: **"Fight the Power"**
40. What night of the week, according to an Elton John song, is alright for fighting?
A: **Saturday** night
41. The mostly instrumental "Gonna Fly Now" is better known as the training theme music for what movie boxer?
A: **Rocky Balboa** (accept either bolded part)

Set of 5

42. What artistic movement was named for a painting by Claude Monet depicting a sunrise?
A: **Impressionism** (accept: **Impressionist** movement)
43. Monet created around 250 paintings of what flowers found in a pond in his garden?
A: **water lilies**
44. What animals did French Impressionist Edgar Degas frequently paint from the 1860s onwards?
A: race**horses**
45. What American Impressionist painted works featuring women and children such as *The Boating Party* and *The Child's Bath*?
A: Mary **Cassatt**
46. What Impressionist composed the four-movement *Suite bergamasque*, whose third movement is titled "Clair de lune"?
A: Claude **Debussy**

Linked Set of 4

47. Which US state is home to Petrified Forest National Park, Antelope Canyon, and the Grand Canyon?
A: **Arizona**
48. What mythological creature gives its name to the capital of Arizona?
A: **phoenix**
49. What historical figure gave his name to Albus Dumbledore's phoenix?
A: Guy **Fawkes**
50. In which month of 1605 did Guy Fawkes plan to blow up the British parliament?
A: **November** 1605

END OF FIRST HALF

THIRD QUARTER

Splits: International Foods & Mental Math

International Foods

51. What cut of meat, which used to be given to slaves due to its toughness but is now seen as a delicacy, is a staple of Jamaican cuisine?
A: **oxtail**
52. What traditional British pub snack consists of a boiled egg coated in sausage meat and deep-fried?
A: **Scotch egg**
53. What northern Thai dish includes crunchy hand-cut noodles in a coconut curry soup?
A: **khao soi**
54. Ducks and geese are forcibly overfed to create a rich-tasting liver for what expensive French dish?
A: **foie gras**

Mental Math

You will have 5 seconds for each of the following questions.

55. What is 7 factorial?
A: **5040**
56. What is 45 squared?
A: **2025**

57. What is the sum of the natural numbers up to and including 20?
A: **210**
58. What is 6 choose 3?
A: **20**

Set of 3: Words

59. What word can follow full, brick, halfway, or Maxwell?
A: **house**
60. What word can follow industry, pitcher, power, or house?
A: **plant**
61. What word can follow purple, chocolate, November, or acid?
A: **rain**

Jailbreak

62. Paul Lynch's *Prophet Song* won the 2023 iteration of what literary prize that was formerly sponsored by the Man Group?
A: **Booker** Prize
63. What is the largest island in China, the southernmost part of the country's territory?
A: **Hainan**
64. What is the largest string instrument in the modern symphony orchestra?
A: double/upright/string **bass**
65. The Evian Accords gave independence to what country, whose FLN had fought a war against France from 1954 to 1962?
A: **Algeria**
66. What poet translated his own collection *Gitanjali* as *Song Offerings*, and was the first non-European to win the Nobel Prize for Literature?
A: Rabindranath **Tagore**
67. Who advocated for rule by knowledgeable philosopher-kings in his work *The Republic*?
A: **Plato**
68. Who starred as the title character of the 2021 film *Cruella*?
A: Emma **Stone**
69. The islands Samui and Phuket ["poo-KET"] belong to what country?
A: **Thailand**
70. What word means "red" in Spanish?
A: **rojo** ["RO-ho"] (accept: **roja** ["RO-ha"])
71. "Nothing Else Matters" and "Enter Sandman" are songs by what heavy metal band?
A: **Metallica**
72. What country's SLIM lander reached the Moon on January 19th, 2024, but soon had to power down because its solar panels were facing the wrong way?
A: **Japan**
73. Who was the first US President to die in office?
A: **William** Henry **Harrison** (accept: **W.H. Harrison**) (prompt on: Harrison)
74. What does the initialism USB stand for?
A: **Universal Serial Bus**
75. Who penned the line "to err is human, to forgive divine," in his *Essay on Criticism*?
A: Alexander **Pope**

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: What is the first name of the Shakespearean character who fakes their own death after the meddling Don John accuses them of disloyalty?
77. Part 2: This word fills in the blank in the original subtitle of William Makepeace Thackeray's *Vanity Fair*, "A Novel without a [BLANK]".
78. Part 3: This word also fills in the blank in *The [BLANK] with a Thousand Faces*, a book written by Joseph Campbell to describe his concept of the monomyth and its central figure.
79. Part 4: This singular noun refers to a noble and courageous protagonist of a story.
A: **hero** (reject word forms)

Streak

80. Give the capital cities of up to all seven countries that end with -stan.
A: **Ashgabat**
A: **Astana**
A: **Bishkek**
A: **Dushanbe**
A: **Islamabad**
A: **Kabul**
A: **Tashkent**

Streak

84. Name up to all of the TV series that won multiple Golden Globes at the ceremony held in January 2024.
A: **Succession**
A: **The Bear**
A: **Beef**

Set of 4: Social Classes

85. The means of production in capitalist economies are owned by what social class, according to Marxist economics?
A: **bourgeoisie** (accept: **bourgeois**)
86. What priestly class of the Vedic period became the highest varna in India's caste system?
A: **Brahmins**
87. Forced to alternate between the capital and their landholdings during the Edo period, what feudal lords owned most of the land in medieval Japan?
A: **daimyos**
88. Tribunes were elected to represent what social class, who struggled for influence against the wealthy patricians in the Roman Republic?
A: **plebeians** (accept: **plebs**, **plebes**)

12-Part Blitz

89. In what mountain range is Aoraki, also known as Mount Cook, located?
A: **Southern Alps** (reject partial answers)
90. What character dances to a *Pokemon* theme song in a meme that originated from a *How to Train Your Dragon* parody?
A: **Toothless**
91. Two pitches off by a few Hertz will create a pulsating frequency known by what name?
A: **beat** frequency
92. In chess, which two pieces move during castling?
A: **rook AND king**
93. Due to her red hair, Geri Halliwell was better known as which member of the Spice Girls?
A: **Ginger Spice**
94. What single-word catchphrase appears in aggressive red cartoonish letters within a speech bubble and is delivered by characters pointing their finger accusingly in the *Ace Attorney* games?
A: **"Objection!"**
95. Bernardino de Sahagun compiled what 16th-century ethnographic study of the Aztec people?
A: **Florentine Codex**
96. What is the largest coral reef system in the world?
A: **Great Barrier Reef**
97. In *The Wizard of Oz*, what is the location Dorothy hopes to reach by following the yellow brick road?
A: **Emerald City** (prompt on: the city)
98. What chain runs the Bonvoy series of hotels, and has the most rooms of any hotel chain in the world?
A: **Marriott**
99. What word refers to flat leather shoes that have no laces or fasteners, allowing one's feet to slide into them?
A: **loafers**
100. What former MP for Vancouver Centre is the only Canadian prime minister born in British Columbia?
A: Kim **Campbell**

END OF GAME