



2023-24 High School Qualifier (T3) – Pack 9

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PACK 9

5-Part Blitz

1. One of the oldest styles in existence, what form of kung fu was developed in its namesake monastery in Henan province?
A: **Shaolin** kung fu
2. Chris Pratt voiced the titular character in what 2023 animated movie based on a video game franchise?
A: *The **Super Mario Bros. Movie*** (accept: *The **Super Mario Brothers Movie***)
3. What fast food chain is known for their curly fries and roast beef sandwiches?
A: **Arby's**
4. In earth science, what adjective describes rivers or streams that consist of many shallow, interweaving channels?
A: **braided**
5. Failing to signal will earn two, and failing to stop for a school bus will earn six, of what tokens used in Ontario as penalties for bad driving?
A: **demerit** points (prompt on: points)

Double Jump

6. Anatolia is a region covering most of the Asian part of what country?
A: **Turkey**
7. What was the one-word name for the historical region covering the European part of present-day Turkey, as well as parts of Bulgaria and Greece?
A: **Thrace** (accept: **Thracia**)

Double Jump

8. *Plants vs. Zombies*, *Kingdom Rush*, and *GemCraft* are all games in what genre, in which the player uses defensive structures to attack enemies trying to cross the map?
A: **tower defence** games (accept: **TD** games)
9. In many tower defence games that use gems, such as *GemCraft*, green gems have what special ability?
A: **poisonous** damage (accept: **venomous** damage)

Set of 4

10. What letter must be added to the first word of the Preamble of the United States Constitution to get a word for a female sheep?
A: **E**
11. What two-digit number is represented by the letter E in hexadecimal?
A: **14**
12. What is the closest integer to the transcendental number e?
A: **3**
13. What note is a major second above E?
A: **F-sharp**

Jackpot

14. Part 1: What modern-day country was home to a scientist who discovered that dead frogs' legs could be induced to twitch using an electrical spark?
15. Part 2: A different scientist originally from this country names the paradox wherein humans have never encountered aliens despite the overwhelming likelihood of their existence.
16. Part 3: This country was home to a scientist who names a law stating that equal volumes of gases at the same temperature and pressure have the same number of molecules.
17. Part 4: Another scientist from this modern-day country built his own refracting telescope, which he used to discover the four largest moons of Jupiter.
A: **Italy**

Set of 3: The Little Black Dress

18. What French fashion designer is credited with popularizing the Little Black Dress as a fashionable and essential wardrobe component?
A: Coco **Chanel**
19. In what film was a Hubert de Givenchy-designed black dress worn in the opening scene by Holly Golightly, played by Audrey Hepburn?
A: ***Breakfast at Tiffany's***
20. Who famously wore a black evening gown to a 1994 dinner in Kensington Gardens, supposedly in revenge for her husband Charles's public admission of adultery?
A: **Diana**, Princess of Wales (accept: Princess **Diana**, Diana **Spencer**)

5-Part Blitz

21. What country is 5 hours and 45 minutes ahead of Coordinated Universal Time?
A: **Nepal**
22. The Catatumbo lightning is an atmospheric phenomenon that impacts what large body of water?
A: Lake **Maracaibo**
23. Named after the number of chromosomal pairs in a human cell, what company is the most popular producer of at-home genetic testing kits?
A: **23 and Me**
24. By what process was Macduff born, allowing him to fulfill the Weird Sisters' prophecy?
A: **Caesarean** section/birth/delivery (accept: **C-section**)
25. What city will be the setting of a new spinoff of *Law and Order*, airing in February on Citytv?
A: **Toronto**

END OF FIRST QUARTER

SECOND QUARTER

Splits: Gothic Literature & Mountaineering

Gothic Literature

26. What prolific Southern Gothic author wrote about the fortunes of the Compson family in *The Sound and the Fury*?
A: William **Faulkner**

27. What town is the hometown of Magnus Eisengrim and Dunstan Ramsay, who feature in a namesake Southern Ontario Gothic trilogy by Robertson Davies?
A: **Deptford**
28. What character in a Robert Lewis Stevenson novel has an evil alter ego named Edward Hyde?
A: Dr. **Henry Jekyll** (accept either bolded part)
29. Elizabeth Lavenza is killed by the monster of what title scientist in a novel by Mary Shelley?
A: Dr. **Victor Frankenstein** (accept either bolded part)

Mountaineering

30. The world's fourteen tallest mountains all exceed what height in metres, which is generally held to be the beginning of the "death zone?"
A: **8,000** metres
31. In 2021, Nirmal Purja and a team of 9 sherpas completed the first winter ascent of what mountain?
A: **K2**
32. Name any of the three mountains that can be considered Oceania's entry in the Seven Summits.
A: **Puncak Jaya** (accept: **Carstensz** Pyramid, Mount **Carstenz**) OR Mount **Wilhelm** OR Mount **Kosciuszko**
33. Alongside Edmund Hillary, who first summited Mount Everest in 1953?
A: Tenzing **Norgay** (accept: Namgyal **Wangdi**)

Double Jump

34. What mathematical concept is represented by a lemniscate, a symbol that looks like a sideways figure 8?
A: **infinity** (accept: **infinite**)
35. What German mathematician was the first to differentiate between countable and uncountable infinite sets, and is considered the father of set theory?
A: Georg **Cantor**

Double Jump

36. What European country's government has recently been led by politicians such as Enda Kenny, Micheal Martin, and Leo Varadkar?
A: **Ireland**
37. What is the official Irish title for the country's prime minister?
A: **Taoiseach** ["TEE-shah" or "TEE-shahk"]

Set of 4

38. What war is the subject of the "Lost Cause" mythology, which has tried to popularize alternate names for it like "The War of Northern Aggression"?
A: **American Civil** War (accept: **USA Civil** War) (prompt on: Civil War)
39. Joseph E. Johnston's Confederate forces routed Union troops at what opening battle of the war in summer 1861?
A: **First** Battle of **Bull Run** (accept: **First** Battle of **Manassas**)
(prompt on: Battle of Bull Run, Battle of Manassas)
40. Who was the first, and only, president of the Confederacy?
A: Jefferson **Davis**
41. After leaving Atlanta, general Sherman undertook what campaign, eventually culminating in the capture of the port city of Savannah?
A: **March to the Sea**

Set of 4: Stars in Music

42. What character sings the song "Stars" in *Les Miserables*?
A: Inspector **Javert**
43. What two artists collaborated on the 2018 song "All the Stars", written for the Black Panther movie?
A: Kendrick **Lamar** (accept: Kendrick Lamar **Duckworth**) (prompt on: Kendrick) AND **SZA** ["SIZZ-uh"]
44. What Nicki Minaj song opens with the line "Let's go to the beach-each" and notes that the title objects "are meant to fly"?
A: "**Starships**"
45. What band's popularity surged after the movie *Shrek* featured their song "All Star"?
A: **Smash Mouth**

Linked Set of 5

46. The hammer and sickle on the Soviet flag and the stars on the modern Chinese flag are all of what colour?
A: **yellow**
47. In *Peanuts*, what is the name of Snoopy's yellow bird friend?
A: **Woodstock**
48. What state hosted both Woodstock '99 and the original Woodstock festival?
A: **New York**
49. What animal shares its name with the largest city in upstate New York?
A: **Buffalo**
50. For how many consecutive years in the 1990s was the Super Bowl lost by the Buffalo Bills?
A: **4**

END OF FIRST HALF

THIRD QUARTER

Splits: Philosophical Arguments & Fish

Philosophical Arguments

51. What three-word Latin phrase, arguing against radical skepticism, expressed the first principle of Rene Descartes's rationalist philosophy?
A: **cogito, ergo sum**
52. Who argued that a rational person, in the face of uncertainty, should act as if God exists because the losses if that is false are finite but the gains if it is true are infinite?
A: Blaise **Pascal**
53. To demonstrate the absurdity of believing in God, Bertrand Russell pointed out that it was plausible that what kind of object could be orbiting the Sun between Earth and Mars?
A: **teapot**
54. Writings in what language are passed in and out of a room to argue against the ability of digital computers to achieve intelligence in a thought experiment by John Searle?
A: **Chinese**

Fish

55. In 1992, the Department of Fisheries and Oceans issued a moratorium on fishing what species, creating an economic crisis in Newfoundland and Labrador?
A: northern/northwestern/Atlantic **cod**
56. What structures allow fish to take in dissolved oxygen and expel carbon dioxide?
A: **gills**
57. Carp that have been bred for their colourful black and orange patches, and are mainly kept for decoration in ponds, are known by what name?
A: **koi** fish
58. What common fish are named for the long, protruding sensory organs that surround their mouth, thought to resemble feline whiskers?
A: **catfish**

Set of 3

59. What company invented ATMs and floppy disks and is nicknamed "Big Blue"?
A: **IBM** (accept: **International Business Machines** Corporation)
60. In 1997, who was defeated by IBM's Deep Blue in a 6-game chess match?
A: Garry **Kasparov**
61. Name either player who faced off against IBM Watson in a *Jeopardy!* series.
A: Ken **Jennings** OR Brad **Rutter**

Jailbreak

62. Nicknamed "The Great Stone Face", what movie star was known for death-defying stunts like having a house facade collapse around him in *Steamboat Bill, Jr.* and jumping along a train in *The General*?
A: Buster **Keaton**
63. What country recently devalued its own currency as part of a "shock therapy" economic program launched by its new president Javier Milei?
A: **Argentina**
64. What digit is homophonous with the word for "death" in Chinese, causing it to be considered unlucky?
A: **4**
65. Which American state is known as the Keystone State?
A: **Pennsylvania**
66. Whose "Sonnet 43" opens with the line "How do I love thee? Let me count the ways."?
A: **Elizabeth** Barrett **Browning** (prompt on: **Browning**)
67. What genus of flowering plants includes species of papedas, kumquats, pomelos, and limes?
A: **Citrus**
68. What album, which contains the songs "Sparks Fly" and "Back to December", was the third studio album by Taylor Swift?
A: **Speak Now**
69. What liquor is made by fermenting and distilling sugarcane?
A: **rum**
70. When writing chemical symbols, what two-letter subscript is used to denote a species dissolved in water?
A: **aq**
71. Who starred alongside Barry Keoghan in *Saltburn* and plays Nate Jacobs on *Euphoria*?
A: Jacob **Elordi**
72. In football, what position carries the ball on most rushing plays, and usually lines up behind or next to the quarterback?
A: **running back** (accept: **halfback**)
73. What letter is used in science to refer to redshift, metallicity, and atomic number?
A: **z**

74. What sea separates Croatia from Italy?

A: **Adriatic** Sea

75. What country was home to Banjo Paterson, who wrote bush ballads like "Waltzing Matilda" that depicted life in the outback?

A: **Australia**

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: Mount Gerizim is the holiest site for what ethnoreligious group, which follows a religion closely related to but distinct from Judaism, with its own ancient version of the Torah?

77. Part 2: In the Gospel of John, when Jesus meets a woman of this ethnicity at Jacob's well, he asks her to give him a drink and then offers her living water.

78. Part 3: In a parable from the Gospel of Luke, a person of this ethnicity helps a Jewish traveler lying injured on a road.

79. Part 4: In modern parlance, someone who does a good deed is referred to as a "good" one of these people.

A: **Samaritans**

Streak

80. Since the inaugural tournament in 1991, name up to all five of the countries that have won a FIFA Women's

A: **United States** of **America** (accept either bolded part) (accept: **USA**)

A: **Germany**

A: **Japan**

A: **Norway**

A: **Spain**

Streak

83. Name up to all three of the ballets composed by Pyotr ["PYO-dur"] Ilyich Tchaikovsky.

A: **Swan Lake**

A: *The **Sleeping Beauty***

A: *The **Nutcracker***

Set of 5: Word Ladder

The answer to each question will be a word that differs by one letter from the previous answer. All words will be five letters long.

84. What word means a device, situation, or archetype that frequently recurs across different media?

A: **trope**

85. What word means a collection of treasures?

A: **trove**

86. What word can mean a large number of cattle or humans, or the past tense of "drive"?

A: **drove**

87. What word can mean to go on and on about a subject, or an unmanned aerial vehicle?

A: **drone**

88. What word means a sinister old woman who usually lives on her own?

A: **crone**

12-Part Blitz

89. What war was fought between the Delian league, led by Athens, and another league led by Sparta?

A: **Peloponnesian** War

90. The *Venus de Milo* and the *Mona Lisa* are both on exhibit at what museum?

A: the **Louvre** Museum

91. What metric prefix means "one hundred"?

A: **hecto**

92. What archaic word beginning with "W" means counterclockwise?

A: **widdershins**

93. "Moss piglet" and "water bear" are nicknames for what animal, known for their ability to survive many extreme conditions?

A: **tardigrades**

94. People who spend extraordinary amounts of money on gacha games are most commonly nicknamed for what animal?

A: **whales**

95. What mountain range extends through eastern Tennessee and Kentucky, West Virginia, and western Pennsylvania?

A: **Appalachian** Mountains (accept: **Appalachians**)

96. Who played Mike Schmidt in the 2023 *Five Nights at Freddy's* movie and Peeta Mellark in the *Hunger Games* films?

A: Josh **Hutcherson**

97. 2 billion is closest to what power of 2?

A: 2 to the power of **31** (accept: 2 to the **31st** power)

98. The children's song "Skinnamarink" was popularized by what music group named after its three members?

A: **Sharon, Lois, and Bram**

99. What American artist used Ben-Day dots to create paintings that mimicked comic strips, such as *Drowning Girl* and *Whaam!?*

A: Roy **Lichtenstein**

100. What city is the setting of three Wednesday-night shows airing on NBC?

A: **Chicago**

END OF GAME