

Santa Monica High School Quiz Bowl Packet

By Wesley Arai, Max Berson, David Boyk, Michelle David, Joe Green, Ethan Hutt, and David Marshall

Tossups

1. (Literature) This part of the the anatomy of Ignatius J. Reilly *, the hero of John Kennedy Toole's posthumously=Pulitzer=Prize=winning novel *A Confederacy of Dunces*, misbehaves when he becomes upset, causing his gastrointestinal system to act up, to the dismay of everyone in the area.

Pyloric valve

2. (History) Born Nguyen Sinh Cung, this former pastry * chef tried to convince Woodrow Wilson to honor his country's right to self-determination and freedom from French occupation. He later changed his name to one meaning "He who enlightens."

Ho Chi Minh

3. (Pop Culture) This abbreviated 3 foot alien * loves getting into mischief. His favorite food is the family pet, and his antics are literally out of this world. Name this Alien Life Form from the planet Melmack.

ALF

4. (History) Building on the work of Englishman Thomas Young, this Frenchman made the key discovery that some symbols were phonetic *, some syllabic and some ideogrammatic when dealing with the hieroglyphics on the Rosetta Stone.

Jean-François Champollion

5. (Literature) The only book written in Latin ever to be on the *New York Times* bestseller list, this translation by Alexander Lenard of A.A. Milne's classic *Winnie the Pooh* enjoys a cult following among Latin nerds.

Winnie the Pooh

6. (Social Science) What is the name of the kind of computation used in cognitive science which resolves ambiguities by deciding which interpretation of a data set matches the largest amount of other known information?

Constraint satisfaction

7. (Pop Culture) This short, stocky, bald Frogger champion * will do anything not to work. In an ill-fated attempt to save his childhood video game glory, he and Slippery Pete end up failing miserably, as is all too common for the vertically and occasionally socially-challenged GLC.

George Louis Costanza

8. (Literature) On January 30, 1703, in the so-called Ako vendetta, forty-seven * samurai killed Kira Yoshinaka in revenge for his forcing their former master, Asano Naganori, the lord of Ako, to commit *seppuku*. This historical event is commemorated in what traditional drama? Kanadehon Chushingura (The Treasury of Loyal Retainers: A Model for Emulation)

9. (Fine Arts) The infamous twenty-four hour * piece *Vexations* was admired by the American experimental composer John Cage, as were the other works of this modern French composer of the ballet *Parade* and the symphonic drama *Socrates*.

Erik Satie

10. (Fine Arts) This inventor of the contraction, * a sharp movement based on the motion during inhalation and exhalation, is known for choreographing works such as *Appalachian Spring* and *Clytemnestra*.

Martha Graham

11. (Science) Apparently shut down during the deep state of concentration known as *gnosis* or *samadhi*, it usually gives people a sense of their separateness * from the rest of the world, defining the "self" and the "other" in our minds. When it stops functioning, meditators feel connected with the universe. Name this part of the brain studied by Dr. Andrew Newburg, among others.

Orientation center

12. (Math) This technique for "summing" divergent series, such as the sum of the sequence 1, 0, 1, 0, ... * involves finding the limit of an adjusted partial sum which is the average of the first n terms of the sequence. Name this method, whose name is shared by a fractal resembling the Koch snowflake curve.

Cesaro Summability

13. (Philosophy) This fourth-century-B.C.E. Greek founder of cynicism * supposedly lived in a tub to defy conventional comforts, and lends his name to the club Mycroft Holmes belongs to, where the members always remain silent.

Diogenes

14. (Pop Culture) This classic 80's sitcom starred the wittiest 8-year-old * ever to grace the small screen and his not-so-obvious father, accompanied by Mrs. Garret and of course Willis, who's never afraid to ask, "Whatchoo talkin' 'bout?"

Diff'rent Strokes

15. (Social Science) In less developed species of the genus Homo, this resulted in the dominance and influence of the intuition over the reasoning mind. * Individuals hallucinated solutions to problems as being transferred to their mind by a higher power, as did the "Terrorists" in Neal Stephenson's first book, *The Big U*. Name this physiological and psychological state, the subject of a treatise by Julian Jaynes.

Bicameral mind

16. (Geography) This nation was created in its current form in 1971, and in 2000 had the world's largest percent population growth, at 9.6 %. The current ruler of this small nation the size of Maine, in order to promote the nation as a tourist destination, built the world's tallest hotel, which is in the shape of a sail. (*) He also financed a horse race with the world's largest purse, which takes place in the capital of Dubai. Name this nation bordering the Persian Gulf.

United Arab Emirates (prompt on UAE)

17. (Math) This French mathematician, who also studied classical languages, was the first to make rigorous study of the conditions for convergence (*) of infinite series. Name this man who solved one of Fermat's theorems about polygonal numbers and who lends his name, along with Schwarz, to a type of inequality.

Augustin Louis Cauchy

18. (Sports) Born December 18, 1886 in Narrows, Georgia, he is one of only two baseball players to have hit a homerun before age 21 and after age 40. After playing 24 years of baseball, he boasts the highest lifetime major league batting average and also leads in runs scored. This "Georgia Peach" also has the recognition of being the first man inducted into the National Baseball Hall of Fame.

Ty Cobb

19. (Literature) Best friends with a man who holds a medical degree from London University, his companions note that he was an excellent swordsman, boxer, and singlestick player. He played the violin and has obscure knowledge of Buddhism. But this resident 221b Baker Street is best known for his detective work.

Sherlock Holmes

20. (Sports) He made his career debut on July 4, 1972 in a 5-1/2 furlong maiden race at Aqueduct and at the time was hailed for being the fastest horse since Citation. At the Belmont Stakes, he went on a record-destroying mission, winning the race by 31 lengths, an all-time record, while running the 1-1/2 miles in 2:24, the fastest time ever. However, perhaps this 1973 Triple Crown winner is best known for his beautiful chestnut color.

Secretariat

21. (Philosophy) Born in Königsberg, Germany in 1724 and educated at the University of Königsberg where he later taught, this philosopher was forbidden by Frederick William II, King of Prussia, to teach or write on religious subjects. When the king died, he felt released from his obligation and went on to write his most famous works: *Critique of Pure Reason* and the *Metaphysics of Ethics*.

Immanuel Kant

22. (History) This American-British explorer, born in 1841, was sent by the *New York Herald* into Africa, where he explored lakes Tanganyika and Victoria, won territorial concessions which led to the Belgian control of the Congo Free State, * and most famously completed his original mission of locating a certain missing British explorer. Name the man who uttered the legendary words, "Dr. Livingston, I presume".

Sir Henry Morton Stanley

23. (History) Though he began his work in the middle east as an archeologist, this Englishman is best known for his work with British intelligence, where he was appointed British liaison officer to the Arab revolt led by Fiasal I in 1916. * His story was later made into a film classic starring an actor with whom he shares a name. Give the real name of the man portrayed in *Lawrence of Arabia*.

Thomas Edward Lawrence (At least T.E. Lawrence required, prompt on Lawrence)

24. (General) Generators, portable buildings, e-business software, x-ray equipment, lighting fixtures, refrigerators, silicones, plastics, real estate, reactors, * aircraft engines, and NBC are all products offered by what largest company in the world, which is run by Jack Welch.

General Electric (prompt on GE)

25. (Fine Arts) He is considered to have been the last exponent of court art in Europe. His father founded their firm in 1842, and he took over in 1870 at the age of 24. The firm made beautiful but useful objects, like cigarette cases and scent bottles. The English royal family commissioned work from this man, * but his work for the Russian Czars Alexander III and Nicholas the II is his most famous. Name the man who created the famous jeweled Easter eggs for the Russian royal family.

Carl Peter Fabergé

Bonuses

1. (History) What three European countries had companies which are commonly called East India Companies in English?

France, England, Holland (Netherlands)

2. (Literature) For five points each and another five for getting all five of them, name the Bennet sisters in Jane Austen's *Pride and Prejudice*.

Elizabeth, Jane, Lydia, Mary, Kitty (Catherine)

3. (Literature) Name these commonly recognized innovators, for ten points each: the first author of a modern detective story; the first novelist; the first true autobiographer.

Edgar Allen Poe, Lady Murasaki Shikibu, Saint Augustine

4. (Geography) For 5–10–15, give the English, Tibetan and Nepali names for the tallest mountain in the world.

Mount Everest (Peak XV), Iomolungma (Chomolungma), Sagarmatha

5. (Mythology) For 5–10–15, name these places in Norse mythology: the World of Men, the Place of the Gods, and the Realm of the Giants.

Midgard, Asgard, Jötunheim

6. (Pop Culture) For ten points each, name the three most-landed-on spaces on the Monopoly board, in no order.

Illinois Avenue, Go, B.&O. Railroad

7. (Math) For 10 points given for each correct variable, solve for x, y, and z in the following system of equations.

$$x - 2y + 2z = 3$$

$$3x + y - z = 2$$

$$2x - y - 2z = -9$$

x=1, y=3, z=4

8. (Math) For 10 points each, answer the following questions about a rectangular prism with side lengths 2, 6, and 5. What is the surface area of the prism? What is the volume of the prism? What is the length of the longest rod that could be fit inside the prism?

104, 60, °65

9. (Math) For 10 points each, name the first 3 perfect numbers.

6, 28, 496

10. (Sports) For five points each or 30 for all 5, name the cities that have hosted the Olympics twice.

Paris, France; London, England; Los Angeles, California, USA; St. Moritz, Switzerland; Innsbruck, Austria

11. (History) For 5–10–15, name the first women to become: U.S. Attorney General, a U.S. state governor, and U.S. Senator.

Janet Reno, Nellie Taylor Ross, Rebecca L. Felton

12. (History) For 5–10–15, answer the following questions concerning the Spanish Civil War:
5: Name the dictator of Spain from 1939 to 1975.

Francisco Franco

10: Within 2 years, when was the coup that established the first modern dictatorship in Spain?

1923, 1921–1925 accepted

15: Who led this coup in 1923?

Miguel Rivera

13. (History) For 30–20–10, identify the historical figure.

30: In France he was the last Prime Minister of the Fourth Republic, and drew up the constitution for the 5th republic.

20: He negotiated the end of the Algerian war in 1962, and removed France from NATO in 1966.

10: He led the Free French from England during World War II.

Charles De Gaulle

14. (Fine Art) 5–10–15: Give the popular names for each of the following Beethoven symphonies:
No. 9 in D major, No. 3 in E-flat major, No. 6 in D major

Choral, Eroica, Pastoral

15. (General) For 5–10–15, give the mottoes of Harvard University, the University of Pennsylvania, and Oxford University.

Veritas, Leges Sine Moribus Vanæ, Dominus Illuminatio Mea

16. (Mythology) Name the three members of the Greek moon trinity, for ten points each.

Artemis, Selene, Hekate

17. (Pop Culture) Wouldn't you know it, Hollywood seems to think there is an asteroid in Earth's future. For ten points each, name the two somewhat recent movies whose plots revolve around a possible asteroid–Earth collision. To claim your remaining ten bonus points, give both names assigned to the asteroid from the movie with the awesome flood sequence for five points each.

Deep Impact, Armageddon, Wolf-Beiderman

18. (Literature) For 30-20-10, name the author.

30: While still a freshman at Bennington College during the late 80's, this author's first book was published, a novel set in his hometown of Los Angeles.

20: His second book has been frequently attacked by women's groups for its portrayals of extreme violence towards women, but that didn't stop a recent movie adaptation from being made.

10: His other books include "The Informers" and "Glamorama"

Bret Easton Ellis

19. (Science) Name the periods of geologic time which fall within the Paleozoic era, for five points each.

Permian, Carboniferous, Devonian, Silurian, Ordovician, Cambrian

20. (Fine Art) Although it is perhaps not commonly realized, type design goes through movements which closely parallel broader movements in the arts. Thus, there are Expressionist, Rococo, and Baroque typefaces. For ten points each, to what movements do Helvetica, Garamond, and Futura belong, respectively?

Realist (Realism), Mannerist, Geometric Modernist

21. (Religion) In honor of our shared pastime, name the Roman Catholic patron saints of scholars and students, for ten points each (students have two).

Brigid (scholars), Catherine of Alexandria and Thomas Aquinas (students)

22. (Literature) Music often plays an important symbolic role in literature. For ten points each, name the songs which are featured in these books: *The Plague*, *The Catcher in the Rye*, and *Fear and Loathing in Las Vegas*.

"St. James Infirmary," "Little Shirley Beans," "White Rabbit"

23. (Math) When describing data sets, often it is useful to measure the spread of the points. Name three (not necessarily unrelated) common ways of measuring spread, for ten points each.

Interquartile range, variance, standard deviation

25. (Fine Art) For 5 points each, name the missing note in each of the following chords, given the other notes in the chord.

a. D minor: D, F

b. F-sharp seven: B-flat, F-sharp, E

c. B-flat augmented: D, B-flat

d. C major: G, E

e. E diminished: E, B-flat

f. A-flat six: C, F, G-sharp

A, C-sharp or D-flat, F-sharp or G-flat, C, G, E-flat or D-sharp