

**AMERICAN LITERATURE:** Three writers, all named John, helped define the fiction of the post World War II era. Given a list of works, give the last name of the writer.

Team A: *The World According to Garp*, *The Ciderhouse Rules*, and *The Hotel New Hampshire*

Ans: Irving

Team B: *Rabbit Run*, *The Centaur*, and *The Witches of Eastwick*

Ans: Updike

Toss Up: *The Wapshot Scandal*, *Bullet Park*, and "The Swimmer"

Ans: Cheever

**MATH : 60 SECONDS:** Find the standard form of the line for the following sets of ordered pairs:

Team B: (-3,2) and (1,0) [Read: negative 3 comma 2 and one comma zero]

Ans:  $x + 2y = 1$

Team A: (0,4) and (3,-2) [Read zero comma four and three comma negative 2]

Ans:  $2x + y = 4$

Toss Up: (0,  $\frac{1}{2}$ ) and (2,1) [Read zero comma one-half and two comma one]

Ans:  $x - 4y = -2$

## Varsity Practice 8

### WORLD HISTORY

Team A: What German tribe sacked Rome in approximately 410 A.D.?

Ans: Visigoths

Team B: What German tribe sacked Rome in 455 A. D.?

Ans: Vandals

Toss Up: What year in the fifth century is generally accepted as the date for the Fall of the Roman Empire?

Ans: 476 (A. D.)

**FINE ARTS:** Thomas Hoving, the former director of the Metropolitan Museum of Art, suggests listening to classical music while touring art galleries. These questions will focus on some of his suggestions:

Team B: For the "Golden Age" of the 17<sup>th</sup> century, Hoving suggests any of the works of what composer, except the opera *Fidelio*, which "gets in the way"?

Ans: (Ludwig von) Beethoven

Team A: For the 18<sup>th</sup> century, Hoving likes the works of what classical composer that include the hymn *Ave Verum* and the opera *Don Giovanni*?

Ans: (Wolfgang Amadeus) Mozart

Toss Up: Understandably, for the Impressionists, Hoving likes *Carnival of the Animals* and other works of what Frenchman?

(Camille) Saint-Saens

## Varsity Practice 8

### LIFE SCIENCE

Team A: Thyroid-stimulating hormone and luteinizing hormone are both secreted by what gland?

Ans: pituitary

Team B: Adrenaline and aldosterone are both hormones secreted by what gland?

Ans: adrenal

Toss Up: Melatonin, the hormone that regulates sleep and wake cycles, is secreted by what gland?

Ans: pineal

**READER: ASK FOR SCORE CHECK**

### ENGLISH/WORLD LITERATURE

Team B: One of the most important ancient sources for mythology is *Metamorphoses* by what Roman poet who was born in 43 B.C.E.?

Ans: Ovid (Also accept Publius Ovidius Naso)

Team A: This man, who is considered Rome's greatest historian, is difficult to translate. A contemporary of Ovid, what man wrote the *Annals*, a year-by-year history, although approximately 2/3 of them are lost, as well as *Agricola*?

Ans: Tacitus

Toss Up: This poet fought with Brutus at Phillippi, but after Augustus granted immunity, he became the court poet for the emperor. Whose works include a volume called *The Art of Poetry* and two books of epistles?

Ans: Horace

## Varsity Practice 8

**AMERICAN GOVERNMENT:** Throughout all its articles and amendments, the U. S. Constitution adheres to five different forms of political authority that are the central directives of our government. Identify the following:

Team A: One such directive is that leadership is determined by elected representatives who serve the will of the people. This directive means that the U. S. government is what kind of state?

Ans: republic(an)

Team B: A second directive provides for the division of power between national and various local levels. This division means that the U. S. is what kind of union?

Ans: federal(ism)

Toss Up: The Constitution defines different areas of authority for different leaders, a principle known by what three-word term?

Ans: Separation of Powers (ONLY acceptable answer)

**PHYSICAL SCIENCE:** These questions will focus on some chemical discoveries that occurred by accident!

Team B: In 1936 a Du Pont chemist named Roy Plunkett was working on creating new refrigerants. When he opened the valve on a full tank of tetrafluoroethylene [tetra floor oh ethel ene], nothing came out. When he cut open the tank, he found a very slick and unreactive substance. During World War II, it was used to make gaskets and valves for atomic bombs, but today it is used more in the kitchen. Plunkett had polymerized what non-stick coating?

Ans: Teflon

Team A: In the mid 1970s, chemist Art Frey was using little bits of paper to mark the songs in his choir book, but the papers kept falling out. He then began coating the papers with a "failed" weak adhesive he had compounded while working for 3M. He found that the papers not only stuck in place but peeled off without leaving residue. In the process he created what everyday product?

Ans: sticky notes (also accept post-it notes or similar)

Toss Up: In 1789, a chemist named Constantin Fahlberg was working on uses for coal tar. When he was eating his wife's rolls at supper, he thought they tasted exceptionally sweet. When she explained that she had done nothing different in baking them, he realized that the sweetness was coming from his hands, which he hadn't washed! Thus, he serendipitously invented what first artificial sweetener?

Ans: saccharine

## Varsity Practice 8

### WORLD GEOGRAPHY

Team A: While New York City is the largest U. S. city in population, the three largest cities in area are all located in what state?

Ans: Alaska (The cities are Yakutat, Sitka, and Juneau)

Team B: The largest city in area in the contiguous U. S. is what Florida city that contains almost all of Duval County and is also Florida's largest city in population?

Ans: Jacksonville

Toss Up: Obviously, Juneau, Alaska is the largest state capital in area, but what southwestern city is the largest state capital in population?

Ans: Phoenix (AZ)

### AMERICAN HISTORY

Team B: Ohioan Rutherford B. Hayes became president as a result of the Compromise of what year?

Ans: 1877

Team A: In return for becoming president, Hayes agreed to end what period ushered in by the Radical Republicans?

Ans: Reconstruction

Toss Up: Beginning in West Virginia in July, 1877, a series of violent work stoppages took place that spread throughout the East and Midwest, and led to clashes between state militias and striking workers. After 45 days and over 50 deaths, President Hayes used federal troops to end the labor conflict that has come to be known by what three-word name?

Ans: (the) Great Railroad Strike

**READER: CHECK SCORE AND ASK ABOUT SUBSTITUTIONS BEFORE ALPHABET ROUND**

## Varsity Practice 8

### ALPHABET ROUND "Q"

1. Objects thought to be the most distant and most luminous objects in the universe
2. From a prominent Spanish novel, an adjective that means extravagantly chivalrous or romantic; visionary, impractical
3. Any four-sided plane figure
4. An esoteric theosophy of rabbinical origin based on the Hebrew scriptures and developed between the 7th and 18th centuries; practiced or possibly malpracticed by Madonna
5. Noting or pertaining to the present period of earth history, forming the latter part of the Cenozoic Era
6. Indian tribe originally from the Ohio Valley that migrated to Arkansas; Less than one thousand members now live primarily in Oklahoma
7. CORRECT SPELLING REQUIRED: British term for a group of people waiting in line
8. TWO-WORD ANSWER: Former capital and largest city in the Philippines
9. MULTI-WORD ANSWER: Seventeenth book in Sue Grafton's alphabet series that follows the adventures of private investigator Kinsey Milhone
10. Last name of acting brothers Dennis and Randy
11. Only former vice president of the U. S. who fits this category; had trouble spelling "potato"
12. Marquis who established rules for boxing
13. Confederate leader of guerilla raiders who killed 150 civilians on a raid into Kansas
14. Sometimes abbreviated q-fever, a fever carried by ticks; leads to flu-like symptoms in humans
15. Of, noting, or pertaining to the recording and reproduction of sound over four separate transmission or direct reproduction channels instead of the customary two of the stereo system
16. MULTI-WORD ANSWER: In the Biblical book of First Kings, this monarch visits Solomon because she has heard of his wisdom
17. A problem, puzzle, or conundrum
18. An art term that emerged during the Baroque period to describe certain types of ceiling paintings
19. TWO-WORD ANSWER: In *Romeo and Juliet*, Mercutio presents a monologue on this symbol of love as he makes fun of Romeo's latest infatuation
20. In music, any composition written for four instruments

**ANSWERS TO ALPHABET ROUND "Q"**

1. quasar(s)
2. Quixotic
3. quadrilateral
4. Qabbalah
5. Quaternary
6. Quapaw
7. CORRECT SPELLING REQUIRED: queue
8. Quezon City (Must be complete)
9. *Q is for Quarry*
10. Quaid
11. (Dan[forth]) Quayle
12. Queensbury
13. (William) Quantrill
14. Query (fever)
15. quadraphonic
16. Queen of Sheba (Must be complete)
17. quandary
18. quadratura
19. Queen Mab (must be complete)
20. quartet

Varsity Practice 8

**LIGHTNING ROUND**

1. In 2010, CBS television released a new version of what highly successful television show of the 1960s and 1970s that focuses on crime solving in the Aloha State?

Ans: *Hawaii Five-0*

2. What man founded General Foods after he invented a method of quick-freezing foods for storage?

Ans: (Clarence) Birdseye

3. What three-word name was given the militiamen who followed Ethan Allen during the Revolutionary War?

Ans: Green Mountain Boys

4. What man who is considered one of the founders of the Early Italian Renaissance was called "Dirty Tom" by his friends such as Donatello because the artist could become so emeshed in his work that he neglected his personal appearance?

Ans: (Tommaso) Masaccio

5. What word that begins with "K" is an economics term for a corrupt, thieving government, in which the politicians and bureaucrats in charge use the powers of the state to feather their own nests?

Ans: kleptocracy

6. In *Little Women*, which of the four March sisters dies during Part II of the novel?

Ans: Beth

7. What is the meaning of the acronym OPEC?

Ans: (The) Organization of Petroleum Exporting Countries [Must be complete and exact without prompting.]

8. What chemical element is directly above Aluminum on the periodic table?

Ans: Boron

9. If the hypotenuse of a right triangle is 15 and one leg is 12, what must the other leg be?

Ans: 9

10. What work by Sir Edmund Spenser is the longest poem in the English language?

Ans: (*The*) Faerie Queen

11. What great Greek soprano of the mid to late 20<sup>th</sup> century is the subject of Terence McNally's



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drama, *Master Class*?

Ans: (Maria) Callas

12. By the year 2030, what country is expected to surpass China as the most populous in the world?

Ans: India

13. What U. S. bay is the largest landlocked harbor in the world?

Ans: San Francisco (Bay)

14. What cabinet department oversees the agency known as the Pension Benefit Guaranty Corporation?

Ans: (Dept. of ) Labor

15. What type of poem, which is an English variation of the French rondeau, has a rhyme scheme a-b-a-R, b-a-b, a-b-a-R, where R is a refrain repeated from line one?

Ans: roundel

16. What Biblical figure from the Book of Judges defeats the Midianites with a mere 300 men armed only with torches and trumpets?

Ans: Gideon

17. What term which is synonymous with "immunization" is an injection of a killed microbe in order to stimulate the immune system against the microbe, thereby preventing disease?

Ans: vaccination

18. In professional soccer, what is the maximum number of assists that can be accredited on a single goal?

Ans: 2

19. Originally this term referred to materials such as brick that were designed to prevent flames from spreading. Today, what term more often refers to a computer software or hardware device that prevents unauthorized access to a user's accounts or machine?

Ans: firewall

20. According to the *Guinness Book of World Records* in 2009, what video game originally published by Nintendo in 1992 is still the most popular?

Ans: *Super Mario (Kart) or (World)*

21. What ancient philosopher is the speaker in Plato's *Republic*?

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Ans: Socrates

22. At nearly 6,000 feet deep, what Siberian lake is the deepest in the world?

Ans: (Lake) Baikal [BY call]

23. What Soviet dictator established the Five Year Plans?

Ans: (Joseph) Stalin

24. From bottom to top, what are the three notes in a C minor chord?

Ans: C – E flat – G (Also accept D sharp in place of E flat)

25. What six-letter art term beginning with "C" describes the strength, intensity or purity of a color?

Ans: chroma

26. What lobes of the cerebral cortex contain the area that governs hearing?

Ans: temporal (lobes)

27. What is the German word for the number 10?

Ans: zehn [pronounce zeen, but be lenient]

28. What nineteenth letter of the Greek alphabet generally corresponds to the Roman letter "T"?

Ans: Tau

29. Dagda is the father of the gods in what mythology, common to the Welsh, Irish, and Scots?

Ans: Celtic (Do not accept Gaelic)

30. Located in parts of Nevada, Oregon, Utah, and Idaho, what is the only cold desert located in the United States?

Ans: (the) Great Basin