

Varsity Practice 13

AMERICAN LITERATURE: Identify the following works by Herman Melville, none of which is *Moby Dick*.

Team A: This novella was left unfinished at Melville's death. Rediscovered by his heirs and first published in 1924, it deals with the moral dilemma of a ship's captain who must condemn to death the apparently innocent title character. Name this work.

Ans: *Billy Budd*

Team B: This short story was part of Melville's best collection, *The Piazza Tales*. The title character is a copier who simply "prefers not to" do the tasks assigned to him. What is this work, which has given its name to a popular literary internet site?

Ans: "Bartleby, the Scrivener" (Prompt if only "Bartleby" is given)

Toss Up: This novella was subtitled "A Peep at Polynesian Life." What narrative about his own experiences among a cannibalistic tribe in the Pacific was Melville's first published work?

Ans: *Typee*

MATH: 30 SECONDS

Team B: Assuming no overlapping edges, what would be the minimum amount of wrapping paper in square inches that you would need to wrap a rectangular box with a height of 8 inches, a length of 12 inches, and a wide of 9 inches?

Ans: 552 (square inches)

Team A: Assume that you want to paint your bedroom. Determine how much surface area in square feet you will need to cover if the length of the room is 11 feet, the width is 9 feet, and the ceilings are 8 feet high.

Ans: 518 (square feet)

Toss Up: Assume you want to place cork insulation on the surfaces of your working cubicle. In square feet, what is the minimum amount of cork you will need if the length, height, and width are all 8 feet?

Ans: 384 (square feet)

Varsity Practice 13

WORLD HISTORY

Team A: What Greek scholar wrote the *History of the Persian Wars* but colored the history with intervention of the gods to create an epic rather than a totally-factual account?

Ans: Herodotus [her ROD o tus]

Team B: Although Herodotus is generally regarded as the "Father of History," what Greek, who wrote *The History of the Peloponnesian Wars*, was the first historian to write factually and objectively?

Ans: Thucydides [thoo SID a dees]

Toss Up: The Greeks themselves considered him a philosopher, but today we would call him a scientist. What man of the sixth century B.C.E. correctly predicted a solar eclipse and formulated the theory that water is the most abundant substance in the universe?

Ans: Thales [THAY lees]

FINE ARTS: Identify the following musical forms that emerged primarily during the Baroque period.

Team B: Somewhat like a religious opera, this form consists of a dramatic musical setting of a sacred text. It is usually written for solo singers, choir, and orchestra. Name this form, in which the singing can be recitative or aria style.

Ans: oratorio

Team A: This form is like an oratorio but is secular in nature. Designed for solo singers, chorus, and instrumentalists, it is based on a lyric or dramatic poetic narrative. It generally includes recitatives, arias, and ensemble numbers. Name it.

Ans: cantata

Toss Up: This form had existed on a smaller scale during the Renaissance, but the "grand" style emerged during the Baroque. What five-letter word denotes a short, unaccompanied vocal composition in polyphonic style, on a Biblical or similar prose text, intended for use in a church service.

Ans: motet

Varsity Practice 13

LIFE SCIENCE: Identify the discoveries for which the following people won the Nobel Prize in life science related fields.

Team A: In 2010, the award went to Robert G. Edwards for his work in the discovery of what method of fertilization that has helped many infertile couples conceive?

Ans: In vitro (Do not accept, but allow to clarify on "test tube babies")

Team B: In 2008, Harald zur Hausen split the award for his work in identifying what virus which causes cervical cancer?

Ans: HPV OR human papilloma virus

Toss Up: In 2003, the award went to Paul C. Lauterbur and Sir Peter Mansfield for their earlier work in developing what important noninvasive diagnostic tool that is used to diagnose internal disease and injury?

Ans: MRI or Magnet Resonance Imaging

NOTE TO READER: Ask for a score check

ENGLISH/WORLD LITERATURE

Team B: What one-word pen name was used by the 17th century French dramatist born Jean Baptiste Poquelin who wrote a large number of comedies for the court of Louis XIV?

Ans: Moliere

Team A: What one-word pen name was used by the 18th century French satirist, philosopher, and historian whose real name was Francois Marie Arouet [are oo WEH] and who ironically claimed that "All's for the best in the best of all possible worlds"?

Ans: Voltaire

Toss Up: What one-word pen name was used by the 19th century French novelist whose real name was Marie-Henri Beyle, and who was one of the earliest practitioners of realism in works such as *The Red and the Black*?

Ans: Stendhal

Varsity Practice 13

AMERICAN GOVERNMENT: We've heard of liberals and conservatives, but these questions will ask you to identify other possible positions on the political continuum.

Team A: Those who hold with this position believe that the economy and most welfare issues should be controlled by the government and administered for the benefit of all. The U.S. public schools reflect this type of system, but Americans in general have rejected its application to such policies as health care and energy resources. Name it.

Ans: socialism OR socialist OR similar

Team B: Those who hold with this position tend to be liberal on economic programs but generally conservative on social issues. Often, they are concerned with U. S. cultural strengths and values. Identify this position, which includes those who see themselves as more independent than those in the major political parties and believe in the strength of the American people.

Ans: populism OR populist(s) OR similar

Toss Up: Those who hold this position occupy a curious position between liberals and conservatives. They support the Jeffersonian ideal of a government that provides as many freedoms as possible. What group tends to support liberals on free choice on privacy and free speech, but agree with conservatives on leaving the economy alone?

Ans: libertarianism OR liberationists, OR similar

PHYSICAL SCIENCE: 60 SECONDS

Team B: An eagle starts at a speed of 50 meters per second and, decelerating at 10 meters per second squared, comes to rest on a peak directly overhead 5 seconds later. In meters, how far is the peak from the eagle's original position?

Ans: 125 (meters)

Team A: A trailer breaks loose from the truck that is towing it. If the truck was moving uphill at 20 meters per second when the trailer broke loose, and the trailer accelerates down the hill at 10 meters per second squared, how far downhill does the trailer go after 10 seconds?

Ans: 300 (meters) Also accept -300, as the movement is downhill.

Toss Up: A stone drops under the influence of gravity at a rate of 10 meters per second squared. In meters, how far does it drop in 12 seconds?

Ans: 720 (meters) Also accept -720

WORLD GEOGRAPHY

Team A: What country, located near the horn of Africa, is, after Egypt, the second oldest nation on the continent?

Ans: Ethiopia

Team B: This nation located to the north of Ethiopia became independent of Ethiopia in 1993, although hostilities remained and the U. N. established a peacekeeping force in 2000. What nation refused to provide fuel to the U. N. mission, which left in 2008?

Ans: Eritrea

Toss Up: One reason why Ethiopia annexed Eritrea in 1962 is its long border on what specific body of water?

Ans: Red Sea

AMERICAN HISTORY

Team B: The airport in Charleston, West Virginia is named for what man who is arguably the greatest pilot of all time, a man who rose from private to major general in the Air Force, flew combat missions in World War II and Vietnam, and was the first man to fly faster than the speed of sound?

Ans: (Chuck) Yeager

Team A: In 1957, this man set a transcontinental speed record, flying from Los Angeles to New York in 3 hours and 23 minutes, to average supersonic speed, but he needed nearly 5 hours to complete his most famous mission, orbiting the earth three times in 1962. Who is this pilot and astronaut?

Ans: John Glenn

Toss Up: This man was the first to fly across the U. S. in less than 24 hours when he flew from Florida to California in 1922. More than a daredevil, he then completed a Ph.D. in aeronautical engineering at MIT. What man is most famous, however, for leading a daring 1942 bombing attack on Tokyo, a raid that did little damage but immensely improved American morale?

Ans: (James "Jimmie") Doolittle

READER: Check score and ask about substitutions

Varsity Practice 13

ALPHABET ROUND "M"

1. TWO-WORD ANSWER: One of the world's largest iron ore deposits located in Minnesota
2. Any of various skin diseases caused by parasitic mites, affecting animals and sometimes humans and characterized by loss of hair and scabby eruptions
3. Only U. S. state to share only one border with another state
4. TWO-WORD ANSWER: Willa Cather's most important novel; 1918 fictionalization of her own childhood in Nebraska
5. Chemical element with symbol Hg
6. English author of *The Razor's Edge* and *Of Human Bondage*
7. Molly Pitcher was the legendary heroine of this 1778 Revolutionary Battle fought in New Jersey; significant loss by Colonials paved way for British occupation of NYC
8. Economic term for control of all or a significant portion of a product or service
9. Month whose name may be derived from the Roman goddess of growth
10. Austrian archduke who ruled Mexico from 1864 until 1867 when he was captured and executed by Benito Juarez
11. In math, a number indicating the degree to which a figure tends to balance on a given line or axis. A value of zero indicates perfect balance.
12. First Irishman to be canonized by the Catholic Church; known for his short prophecies which allegedly describe the last 112 popes, the final one of which will see the destruction of Rome
13. Shaker Heights boarding house owner who was plaintiff in landmark 1961 Supreme Court case that argued that evidence obtained through an illegal search cannot be used against a suspect
14. Late-nineteenth, early twentieth century American artist famous for his watercolors, especially those of the Maine coast
15. Possibly greatest living cellist; newest album is *Songs of Joy & Peace*
16. In the New Testament sister of Lazarus and Mary
17. Country which the U. S. still recognizes as Burma
18. MULTI-WORD ANSWER: Famous catch phrase uttered by Clint Eastwood in the movie *Sudden Impact*: Follows the words, "Go on punk, ..."
19. A word that combines the term for "a thing that devours" with "large or extensive" to describe a large white blood cell, occurring principally in connective tissue and in the bloodstream, that ingests foreign particles and infectious microorganisms
20. MULTI-WORD HYPHENATED ANSWER: In football, a single player on the offense who is permitted to move prior to the *snap*; he may run only parallel to the *line of scrimmage* or away from it.

ANSWERS TO ALPHABET ROUND "M"

1. (The) Mesabi Range (must be complete and exact)
2. mange
3. Maine
4. *My Antonia*
5. mercury
6. (W. Somerset) Maugham [pronounced Mawmm—may be spelled phonetically]
7. (Battle of) Monmouth
8. monopoly
9. May
10. (Ferdinand) Maximilian (I)
11. moment
12. (St.) Malachy
13. (Dollree) Mapp
14. (John) Marin
15. (Yo-yo) Ma
16. Martha
17. Myanmar
18. "Make my day"
19. macrophage
20. man-in-motion

Varsity Practice 13

LIGHTNING ROUND

1. *The Iliad* ends with the funeral pyre of what Trojan hero?

Ans: Hector

2. The actions of withdrawing Marines from Haiti and the Dominican Republic were part of what policy of FDR?

Ans: Good Neighbor (Policy)

3. What country is being described: It is 1,200 miles long but never more than 200 miles wide; no location is more than 100 miles from the sea; its islands are 80% mountains and hills; and only 25% of its land slopes less than 15 degrees?

Ans: Japan

4. The highest temperature ever recorded on earth was 136 degrees Fahrenheit in what North African country?

Ans: Libya

5. What 1982 American novel features an abusive husband simply known as "Mr."?

Ans: *(The) Color Purple*

6. What Pennsylvania artist, who is considered America's best primitive of the 19th century, painted *The Peaceable Kingdom*?

Ans: (Edward) Hicks

7. In biology, what term refers to any of certain inorganic compounds, mainly sodium, potassium, magnesium, calcium, chloride, and bicarbonate, that dissociate in biological fluids into ions capable of conducting electrical currents and constituting a major force in controlling fluid balance within the body?

Ans: electrolyte(s)

8. In math and physics, what Greek letter is used to represent change?

Ans: delta

9. Three U. S. states have an average elevation under 1000 feet. Name any one of them.

Ans: ANY ONE: Louisiana, Mississippi, or Rhode Island

10. What German word, the plural of "song," was one of the most important forms to emerge during the romantic period, especially in the works of Schumann?

Ans: lieder

Varsity Practice 13

11. Babur and Akbar were leaders of what empire that conquered India in the 16th century?

Ans: Mughal (Empire)

12. "The Sisters," "Araby," and "Eveline" are three of the stories in what collection by James Joyce?

Ans: *Dubliners*

13. What is the greatest common factor of 72, 84, and 96?

Ans: 12

14. Consider the following countries that are part of the European Union: Greece, Ireland, France, Norway, and Austria. Which one does not use the Euro as its basic currency?

Ans: Norway

15. It used to be called Jacobs Field, but by what name is Cleveland's baseball stadium now known?

Ans: Progressive (Field)

16. In economics, what type of capital refers to private equity that is invested to help new companies grow?

Ans: venture (capital)

17. Who is the Greek goddess of wisdom?

Ans: Athena

18. What actor, who has been nominated for eight Academy Awards, has never won, not even for his starring role in *Lawrence of Arabia*?

Ans: (Peter) O'Toole

19. What man, considered the founder of Mormonism, is honored as a prophet in that faith?

Ans: (Joseph) Smith (Jr.)

20. Although many experts doubt that he was the first, what German is usually credited with having invented the internal combustion engine in 1885?

Ans: (Gottlieb) Daimler

Varsity Practice 13

21. In music, the instruction "pp," which means to play very softly, stands for what Italian word?

Ans: pianissimo (accept nothing else)

22. What current associate justice, widely regarded as the "intellectual of the Court," is the first American of Italian descent to serve on the Supreme Court?

Ans: (Antonin) Scalia

23. What is the German word for "red"?

Ans: rote

24. In the Old Testament, what book follows the Book of Ruth?

Ans: 1 Samuel or First Samuel (Do not accept or allow to clarify on "Samuel" alone.)

25. In physics, friction is usually measured in terms of force and what other quantity?

Ans: velocity

26. In environmental science what term beginning with "B" refers to a broad-spectrum poison that kills a wide range of organisms?

Ans: biocide

27. What eighteenth century Scottish philosopher published his *Treatise of Human Nature* when he was only 28 years old after suffering a bout of hypochondria?

Ans: (David) Hume

28. Albert II is the current king of what European country?

Ans: Belgium

29. In pop culture jargon, what word has been coined to refer to television shows, movies, web sites, and other media sources that blend informative and entertaining messages?

Ans: infotainment

30. In Canadian football, how long in yards is the field from goal line to goal line?

Ans: 110 (yards) [Also accept 101 meters if the answer is given on a very early buzz.]