

UC Irvine Open - May 1999

Round 8 Tossups - Edison High School

1. Succeeding his father, Seti I, he fought the Hittites, nearly being captured at the battle of Kadesh, where the Egyptian retreat sparked revolts among his subjects. He ordered the building of many temples, including huge statues of himself like the one described in Percy Shelley's Ozymandias. FTP name this pharaoh who built the temple at Abu Simbel.

Ramses II (prompt on partial answer)

2. For the first time in 400 years, it received rain in 1971. Located in the north of Chile, it is surrounded by the Andes mountains. FTP name this desert, which extends for about 600 miles, which is reputed to be Earth's driest location.

Atacama Desert

3. This phrase was coined in 1896 by Swedish chemist Svante Arrhenius. It is caused when water vapor, carbon dioxide, and other atmospheric gases absorb heat from the sun which would otherwise be reflected into space. FTP name this phenomenon, exacerbated by the burning of fossil fuels, which Arrhenius predicted would lead to a worldwide temperature increase.

Greenhouse Effect

4. Among his players, he prohibits rap music, chin hair, and profanity. Harry Belafonte portrayed him in the TV movie Grambling's White Tiger. Last year, he won his 400th game, more than any other college football coach. FTP identify this Grambling State University coach, who has had only 6 losing seasons in the last 53 years.

Eddie Robinson

5. Boswell described him as "an ugly, affected, disgusting fellow." This man was a member of the House of Commons during the American Revolution, but did not speak once. FTP name this historian known for his six volume History of the Decline and Fall of the Roman Empire.

Edward Gibbon

6. Born to slave parents in 1743 in Saint-Domingue, he was a self-educated physician to the army in 1791 and was made a general in 1795. In 1801, he liberated Saint-Domingue from French control and became president for life of a new republic. FTP name this founder of Haiti, nicknamed "the Precursor," who died in 1803 in a French prison.

François Dominique Toussaint Louverture (accept either)

7. You have 8 seconds to answer the following question. Find the area under the curve $y = e^{-x}$ from $x = 0$ to $x = \pi$.

$e^{-\pi} - e^{-0}$ (e to the pi minus e to the 0)

8. In Greek Mythology, he founded Athens and Greek civilization. He became the first king of Attica and arbitrated a dispute over possession of Athens between Athena and Poseidon. FTP name this mythological ruler, reputed to have sprung half man, half serpent from the soil.

Cecrops

9. He stated that humans must fulfill basic needs such as "food" and "sex" before they progress to higher needs such as "relationships" and eventually "self-actualization". FTP name this creator of the "Hierarchy of Needs".

Abraham Harold Maslow

10. His 1919 paper A Method of Reaching Extreme Altitudes which suggested sending a small rocket powered vehicle to the moon, was ignored and dismissed in the U.S. but attracted much interest in Germany. Americans later recognized the importance of his work, and in 1958 a Greenbelt, Maryland center for tracking spacecraft was named for him. FTP name this physicist, who in 1926 launched the first liquid-fuel-propelled rocket.

Robert Hutchings Goddard

11. In 1977, it was awarded the Nobel Peace Prize for "securing the ground for freedom for justice, and thereby also for peace in the world." It began in 1961, when the British attorney Peter Benenson received an overwhelming response for his appeal on behalf of prisoners of conscience. Today, it has sections in dozens of nations and a membership of over 500,000. FTP name this organization, which opposes torture and the death penalty and issues reports on international human rights abuses.

Amnesty International

12. He invented arrows to point to "field marks", the main information needed to identify a bird. He began the convention of grouping birds in guidebooks by placing those with similar appearances close together. FTP identify this famous bird-watcher, the first edition of whose 1934 A Field Guide to the Birds sold out in a week, and whose bird guides have since sold over seven million copies.

Roger Tory Peterson

13. It proposed an intellectual view based on an understanding of nature as well as of past intellectual and literary achievements, and called upon the American academia to free itself from European confines and prejudices. It was delivered as an address to the Phi Beta Kappa Society of Harvard in 1837, and published in the same year. FTP identify this Ralph Waldo Emerson work, called by Oliver Wendell Holmes "America's Intellectual Declaration of Independence".

The American Scholar

14. This man's first appearance in literature was as an atheistic, villainous scientist in Aristophanes' The Clouds. His last words, addressed to Crito and recorded in the dialogue of that name, were "I owe a cock to Aesculapius; will you remember to pay the debt?" Earlier in the dialogue, he refuses Crito's offer of escape, arguing that one should obey the laws of the state even if specific instances are unjust. FTP identify this Greek philosopher, who uttered those words after drinking hemlock.

Socrates

15. The King of France awarded him a gold medal for his essay on lighting the streets of Paris. He is best known, however, for his huge contributions to chemistry, including his 1789 textbook Elements of Chemistry. Among his gaffes was the inclusion of a weightless "heat substance" among the chemical elements. FTP name this French chemist, who debunked the phlogiston theory and whose involvement with the Ferme Generale led to a 1794 trip to the guillotine during the Reign of Terror.

Antoine Laurent Lavoisier

16. A West Point graduate and veteran of the Mexican war, he commanded the marine unit that put down John Brown's 1859 rebellion. In 1865, he became president of Washington College in Lexington, Virginia. Later, the school was renamed to include his name along with Washington. FTP name this general whose «loyalty to Virginia was so great that he chose to lead the Army of Northern Virginia during the Civil War instead of the Union's army.

Robert Edward Lee

17. This nation's president recently built himself \$120 million palace and 30 expensive hotels by borrowing against expected income from natural gas. This landlocked desert nation has abundant supplies of it, but no secure pipeline to western markets. The president, Saparmurad Niyazov, is the only head of a former Soviet republic that came to power before Perestroika. Identify this Central Asian nation bordered by Kazakhstan, Uzbekistan, Afghanistan, Iran, and the Caspian Sea, whose capital is Ashgabat.

Turkmenistan

18. Giuseppe Piazzi discovered this "new planet" in 1801, but a lack of data made it very difficult to determine its orbit. Later, it was found to be only 488 miles in diameter, although it still makes up about one half of the combined mass of the asteroids in our solar system. FTP identify this largest asteroid, named for the Roman goddess of agriculture.

Ceres

19. On his 36th birthday in 1669, he wrote that he visited Westminster Abbey, where he kissed the corpse of Katherine of Valois on the mouth. During his career, he was a member of Parliament, President of the Royal Society, and twice Secretary of the Admiralty. However, he is best-known for his coded diary, which offers first hand accounts of the Plague and the Great Fire of London. FTP name him.

Samuel Pepys (pronounced "peeps")

20. He fled Rome after murdering a man in 1606, and spent the rest of his life wandering through Italy and the Mediterranean. This painter, born Michelangelo Merisi Æ, was unsuccessful until Cardinal Francesco del Monte purchased a group of his paintings, including The Fortune Teller and The Musical Party. FTP name this artist, who turned to religious subjects in his later work, including the St. Paul cycle, Nativity, and the St. Matthew cycle, which includes the famous Calling of St. Matthew.

Michelangelo Merisi da Caravaggio (accept "Merisi" before its appearance in the question)

21. Born in Kansas City, Missouri in 1925, this motion-picture director, producer, and screenwriter directed McCabe and Mrs. Miller; The Long Goodbye; and Nashville in the 1970s. In the 1980s he directed Popeye and Tanner '88. FTP name this director best known for his movies M*A*S*H; The Player; and Short Cuts.

Robert Altman

22. Born in Borge, Norway in 1872, this Norwegian explorer determined the position of the north magnetic pole during an expedition from 1903 to 1906. FTP name this first person to reach the South Pole on December 14, 1911.

Roald Amundsen

23. He was born in Point Anne, Ontario, in January 1939, and in 1957 joined the NHL's Chicago Black Hawks. In 1960, this left wing won the Ross Trophy as the NHL's leading scorer, and in 1965 became the first player to score 50 goals in a season. FTP name this man, known as "The Golden Jet" and father of a current St. Louis Blues star.

Robert Marvin "Bobby" Hull

24. The name's the same. The computer columnist who writes Inside Track in PC Magazine; the creator of an alternative keyboard layout that puts the most frequently used keys on the home row; and FTP the Czech composer of Hymnus; Slavonic Dances; the Slavonic Rhapsodies; and the From the New World Symphony.

Dvorak

25. Pioneer of radio-carbon dating, this American scientist won the 1960 Nobel prize for Chemistry. FTP name him.

Willard Libby

26. Bertrand Russell proposed a "definite set of rules for decided whether a given series of words was or was not significant," in order to eliminate paradoxes. FTP name this concept.

Doctrine of Types

27. "Dr. Strauss says I should rite down what I think an happins to me from now on. I dont no why but he says its important so they will se if they can use me. I hope they use me becaus Miss Kinnian says mabye they can make me smart. I want to be smart. My name is Charlie Gordon..." So begins the story of a retarded man made brilliant by a surgical procedure only to discover that the effect is only temporary. FTP this happens in which 1959 Hugo award winning novel by Daniel Keyes?

Flowers for Algernon

28. Born in 1898, this artist's father wanted him to become an architect, but he showed more talent in decorative arts. He experimented heavily with spatial relations, finishing his last work, Snakes, shortly before his 1972 death. FTP identify this creator of such w*orks as Metamorphosis; Knots; and Moebius Strip I and II.

Maurits Cornelis Escher

29. He served as Argentina's minister to five nations, and in 1884 founded the Institut de Droit International. This diplomat also authored several treatises on international law, notably his 1868 International Law of Europe and American in Theory and Practice, in which he advanced the doctrine which bears his name and states that force and diplomatic pressure should only be used as a last resort in pursuit of claims by a nation's citizens. FTP name this man, whose last name means "bald" in Spanish.

Carlos Calvo

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Round 8 Bonuses - Edison High School

1. Identify the era from a list of periods which it encompasses FTPE.

- a. Cambrian, Devonian, Carboniferous Paleozoic
- b. Jurassic, Triassic, Cretaceous Mesozoic
- c. Tertiary, Pleistocene, Holocene Cenozoic

2. Identify the opera on a 30-20-10 basis.

(30) Its composer's publisher hired Franco Alfano to finish the final two scenes from the composer's sketches.

(20) Calaf, the protagonist, recognizes his long-lost father Timur at the beginning of the play.

(10) Calaf solves the three riddles put to him by a Chinese princess, the title character of this Puccini opera.

Turandot

3. Answer the following about literary prize winners FTPE.

a. This existentialist author of Being And Nothingness declined the 1964 Nobel Prize.

Jean-Paul Sartre

b. This author declined a Pulitzer Prize in 1926, but accepted the Nobel prize in 1930 most likely for monetary reasons.

Sinclair Lewis

c. Upton Sinclair is best remembered for his novel The Jungle, yet he won a Pulitzer Prize for fiction in 1943 for this novel.

Dragon's Teeth

4. Given a Mozart piece and its K-number, give its nickname FTPE.

- a. Piano-Concerto Number 26 in D; K. 537 Coronation
- b. Symphony Number 41 in C; K. 551 Jupiter
- c. Symphony Number 38 in D; K. 504 Prague

5. Name the artists who created each of these paintings FTPE.

- a. Birth of Venus Sandro Botticelli or Alessandro di Mariano Filipepi
- b. Madonna of the Goldfinch Raphael or Raffaello Sanzio

c. American Gothic Grant Wood

6. Identify the scientists who authored each of these seminal works, given the title and year of publication FTPE.

a. Mathematical Principles of Natural Philosophy, 1687 Sir Isaac Newton

b. On the Revolutions of the Heavenly Spheres, 1543 Nicolaus Copernicus

c. Arithmetic Investigations, 1801 Karl Friedrich Gauss

7. Name the city the Summer Olympic Games were held in given the year FTPE.

a. 1912 Stockholm

b. 1936 Berlin

c. 1948 London

8. Name the following Congressional Acts enacted during the Wilson administration FTPE.

a. This act created the Federal Reserve Board and 12 regional reserve banks, which would control each region's money supply, and was intended to prevent a depression.

Glass-Owens Act

b. This act created the Federal Trade Commission.

Clayton Act

c. This act created the progressive income tax system, and capped import tariffs at 40%.

Underwood-Simmons Act

9. Identify the author on a 30-20-10 basis.

(30) While struggling to earn a living as an actor, singer, and dancer at age 14 in Copenhagen, he met Jonas Colin, who helped him get a royal scholarship from 1822 to 1828.

(20) He earned attention with the travel sketch A Walking Tour From Holman's Canal To The Eastern Point Of Amager, and his first play, Love In St. Nicolai Church Tower.

(10) He published the first of his fairy tales in 1835 and continued writing until his 1875 death.

Hans Christian Andersen

10. Identify the American historical figure on a 30-20-10 basis.

(30) He planned to leave public life when he lost his Senate seat in 1808, but then accepted the post of Minister to Russia.

(20) In 1830, he wrote "My election as President of the United States was not half so gratifying as being elected a member of the House of Representatives."

(10) He was the son of an earlier president.

John Quincy Adams

11. Identify the author of each work of American literature FTPE.

a. Snowbound John Greenleaf Whittier

b. The Song of the Lark Willa Cather

c. Our Town Thornton Wilder

12. Answer the following psychology questions FTPE.

a. In which form of learning is a previously neutral stimulus paired with an unconditioned stimulus to elicit a conditioned response that is similar or identical to the unconditioned response?

Classical Conditioning or Pavlovian Conditioning

b. Ten seconds to calculate. If a child's chronological age is 7 years, 6 months, and his mental age is 9 years 0 months, what is his I.Q.?

120

c. You have two lights side by side, and one is turned on. Then, it is turned off, and the other light turned on. By which phenomenon, often used as an example by supporters of Gestalt psychology, does one perceive movement when this occurs?

Phi phenomenon

13. Identify each metrical foot from the given pattern of stressed and unstressed syllables.

a. stressed-stressed, as in "heartache" spondee

b. unstressed-unstressed-stressed, as in "Halloween" anapest

c. unstressed-stressed, as in "confer" iamb

14. Given three pieces of art, name the painter or sculptor.

a. Venus and Adonis; The Madonna of the House of Pesaro; and The Venus of Urbino

Titian or Tiziano Vecelli or Tiziano Vecellio

b. David; Madonna and Child; and the Sistine Chapel ceiling.

Michelangelo di Lodovico Buonarroti Simoni

c. Man in a Red Turban; Giovanni Arnolfini and his Bride; and The Ghent Altarpiece

Jan Van Eyck

15. Answer the following about space exploration FTPE.

a. Which unmanned American probe discovered the Van Allen layer in 1958?

Pioneer 3 (prompt on partial answer)

b. Which international satellite, launched in 1990 and named for a mythological character, discovered that the sun has a south magnetic pole?

Ulysses

c. Which NASA and European Space Agency spacecraft, named for the discoverer of the eponymous narrow gap splitting Saturn's rings, will be launched this year and reach Saturn in 2004?

Cassini

16. Identify each comic strip related item FTPE.

a. Which baseball player is Charlie Brown's hero?

Joe Shlabotnik

b. Collections based on this comic strip include *It's Obvious You Won't Survive by Your Wits Alone*; *Bring Me the Head of Willy the Mailboy!*; and *Shave the Whales*.

Dilbert

c. Who is the creator and author of Dilbert?

Scott Adams

17. Identify the artist from the works on a 30-20-10 basis.

(30) Laocoon

(20) View and Plan of Toledo

(10) Burial of the Count de Orgaz

El Greco or Domenikos Theokopoulos

18. Given a national anthem, name the composer, not writer, of its music FTPE.

a. State Hymn of the Russian Federation Mikhail Glinka

b. Deutschland-*lied*, or Song of Germany Franz Joseph Haydn

c. The Star Spangled Banner John Stafford Smith

19. Identify each famous Bible translator or producer FTPE.

a. He completed his English translation of the New Testament in 1525, the first published English text of any part of the Bible, but was executed before he could finish the Old Testament. Only one complete copy of his translation remains.

William Tyndale

b. This 4th century saint was the primary translator of the Vulgate, the Latin translation of the Bible considered official by the Catholic Church.

Saint Jerome or Eusebius Hieronymus or Sophronius

c. His German translation of the Bible, the New Testament in 1522, and the Old in 1534, exerted a significant influence on German literature.

Martin Luther

20. Answer the following about wartime aircraft FTPE.

a. What U.S. Air Force plane is nicknamed "the Fighting Falcon"? F-16

b. Which airplane dropped the atomic bomb on Nagasaki, Japan. Bock's Car

c. This is the current holder of the cross-country speed record at just over 69 minutes. First built in the 1960s, this air force spy plane was retired and then reactivated for NASA tests.

SR-71 or Blackbird

21. Answer the following about Shakespeare's The Merchant of Venice FTPE.

a. Name the protagonist of the play, who takes out a loan on behalf of his friend Bassanio, defaults on the loan, and barely escapes having a pound of flesh stripped from his body.

Antonio

b. Name the antagonist of this play, a Jewish banker who has a great hate of Antonio.

Shylock

c. Name the wife of Bassanio and heroine of the play. She dresses up as a man and poses as a lawyer. She is the ultimate reason that Antonio is saved.

Portia

22. Identify the author of each work of history or political philosophy FTPE.

a. The Influence of Sea Power Upon History Alfred Thayer Mahan

b. The Discoverers Daniel J. Boorstin

c. Concerning Civil Government, Second Essay John Locke

23. Answer the following about famous musicians FTPE.

a. This Spanish cellist, an opponent of the Franco regime, lived in Puerto Rico from 1956 until his 1973 death.

Pablo Casals

b. Themes from this 19th century Italian composer and violin virtuoso's Capricci inspired works by Brahms, Schumann, Liszt, and Rachmaninoff.

Niccolò Paganini

c. This Israeli violinist contracted polio at age 4, paralyzing his legs.

Itzhak Perlman

24. Identify the following formal or informal groups of writers.

a. Gertrude Stein told Ernest Hemingway that he and other American authors living abroad following World War I were this.

a lost generation

b. This group, whose name comes from their loyalty to Charles I and his son during the English Civil War, included Thomas Carew, John Suckling, Robert Herrick, and Richard Lovelace.

Cavalier Poets

c. The ideas of this group of French intellectuals formed the basis for the Enlightenment. Its members included Diderot, Montesquieu, Voltaire, and Rousseau.

Philosophes