

03/14/02

1 With a libretto by Salvatore Cammarano, it includes the mad scene and the sextet. Enrico wrongfully holds the estates of Edgardo. Enrico wants to marry his sister\* off to Arturo. However, Edgardo and the sister are in love. After Enrico lies to Edgardo, Arturo marries her. Edgardo shows up at the wedding, and he kills himself after she went mad and killed Arturo. FTP, name this Donizetti opera based on a Walter Scott novel.

A: Lucia di Lammermoor do not accept the Bride of Lammermoor

2. Kastril wishes to be a gallant; Sir Epicure Mammon wishes to seduce young lasses; Ananias and Tribulation Wholesome wish to extend their power; Dapper\* is stuck in the toilet with a gingerbread gag in his mouth, while Abel Druggard wishes to set up a tobaccos shop. All of these men are conned by Subtle and Doll Common in, FTP, what Ben Jonson play about people who turn led into gold?

A: The Alchemist.

3. The first settlement here was in 1604 at Passamaquoddy Bay. The next year the colony was moved to Port Royal. In 1621 it was acquired by the British, though thirteen years later it was given back to the\* French. In 1755, the French speakers in this area were deported to Louisiana, where they became known as Cajuns, a corruption of this word.

FTP, give the name of the French colonies on the North Atlantic seaboard.

A: Acadia prompt if any Canadian provinces given.

4.

Marriage to Rosamond Vincey causes Dr. Lydgate to give up his desire for medical reform, which the heroine involved herself in. Originally unable to marry Will\* Ladislaw because of a provision in the will of her first husband, Rev, Causabon, she eventually gives up the property for love. FTP, Dorothea Brooke is the protagonist in what George Eliot work, set against the backdrop of the 1832 Reform Act?

A: Middlemarch

5. In 1855, he represented Lizzie Jennings, a black woman, in her suit against a Brooklyn street car company that refused to seat her. He won, forcing New York state to pass an anti-discrimination law. Associated with Roscoe Conkling,\* he served in the Union Army during the War and was later customs collector for the port of New York. FTP, name this Stalwart Republican who succeeded James Garfield as president in 1881.

A: Chester Arthur

6. Born in 1863, in 1889 he wrote a treatise on art from Delacroix to Neo-Impressionism\*. He was greatly interested in the science of color and used broader strokes than Suerat, with whom he worked to develop the divisionist technique. FTP, name this friend of Suerat and fellow pointilist whose works include The River Bank and The Dining Room.

A: Paul Signac

7. In 2002, he became a spokesman for the UN Conference on Aging, though he is famous for not talking. Deeply influenced by the films of Chaplin, his first success was the role of Arlequin\* in Baptiste, a pantomime. In 1947, he created Bip, a sad, white-faced clown in white middy and culottes with a bedraggled top hat. FTP, name this French mime.

A: Marcel Marceau

8. Based on surrealist automatism, it meant to give the artist's instinctive creative forces free play, and also giving those forces direct to the viewer. The two-word phrase was coined by Harold Rosenberg\* to describe a specific type of Abstract Expressionism, and is best seen in the energetic brush-strokes of de Koonig's Women series and Jackson Pollock's drip paintings. FTP, name this art movement.

A: action painting. prompt on Abstract Expressionism

9. A tribal leader is banished from his village after he kills a clansman; when he returns, he finds the village under\* British rule and converted to Christianity. After the tribal leader kills a British official, the villagers refuse to support him and Okonkwo hangs himself. FTP, name this 1958 novel set in Igboland, by Chinua Achebe.

A: Things Fall Apart

10. Its synthesis in the liver is sometimes referred to as the bi-cycle, as a diagram of the reaction intermediates form two rings intersecting with argininosuccinate. The first organic compound produced \* synthetically from inorganic starting materials, Friedrich Wohler accomplished this feat in 1828 by boiling lead cyanate in an ammonia solution. With formula  $\text{NH}_2\text{CONH}_2$ , for ten points, identify this soluble, weakly basic organic compound that is the chief solid component of mammalian urine.

A. Urea

11. This dynasty lasted until the death of Maria II in 1853. All of her children belonged to the house of Saxe-Coburg and Gotha, and they reigned until the end of the monarchy in 1910. This family also produced Pedro I\* and Pedro

II of Brazil. Joao IV, the eighth duke of this, became king in 1640, after his country became independent of Spain. FTP, name this Portuguese royal family.

A: Braganza

12. From 1791-1793 he edited the Republican National Gazette; he was such a nuisance to the Federalists that Washington called him "that rascal." On a privateer in the West Indies, he was captured in 1780;\* he wrote about this in the British Prison Ship. Other poems include the Wild Honeysuckle and A Poem on the Rising Glory of America. FTP, name this poet of the American Revolution.

A: Philip Freneau

13. Let  $V$  be a vector space. Let  $\star$  be a binary operation that is linear and commutative. Furthermore, assume that if both operands are the same,  $\star$  produces a positive number (\*) and zero if and only if the operands are zero. FTP, what type of algebraic operator is  $\star$ , the most prominent example being the dot product.  
inner product

14. Joining the court band of Louis XIV in 1652, ten years later he became music director to the royal family. He wrote incidental music for the plays\* of Moliere, along with the Suite of Symphonies and Trios. He liked to keep time by smashing a baton on the ground. In 1687, he got angry and smashed the baton into

his foot, whereupon he died of blood poisoning. FTP, name this Italian-born French composer.

A: Jean-Baptiste Lully

15. His political poetry includes One Thousand Fearful Words for Fidel Castro and Tentative Description of a Dinner Given to Promote the Impeachment of President Eisenhower, both published by City Lights Press,\* which also published his Pictures of the Gone World and

Allan Ginsberg's Howl. He founded the City Lights Pocket Book shop upon his move to San Francisco in 1951. FTP, name this Beat writer and publisher, author of A Coney Island of the Mind.

A: Lawrence Ferlinghetti

16. His name means "Right-guided one" in Arabic; a mystic in the Sufi tradition, he lived with his disciples on Aba Island in the White\* Nile. In 1881, he proclaimed his divine mission to purify Islam and the governments that defiled it. Quickly dispersing three Egyptian armies, he captured Khartoum in 1885, though General Gordon was killed against his wishes. And four months later he was dead. FTP, name this creator of an Islamic state in northern Africa.

A: al-Mahdi

17. Joining the British Coal Utilization Research Association in 1941, this scientist contributed to studies that explained the absorption properties of coals. Later in Paris, she\* studied x-ray diffraction technology. She applied this technology to DNA, and discovered its density and helical conformation. FTP, name this scientist who helped Watson and Crick discover DNA.

A: Rosalind Franklin

18. He composed the movie soundtrack for the 1977 movie based on his life. Called the Perola Negra, or the black pearl, in 1975 he signed a three year contract with the New York Cosmos\* of the NASL in 1975, five years after he had led his country to its third World Cup title. Playing inside left forward, he played for the Santos Football Club beginning in 1956. FTP, name this Brazilian soccer player.

A: Pele or Edson Arantes do Nascimento

19. She spent 30 days in a workhouse in Brooklyn in 1917 for being a "public nuisance;"

she had violated the Comstock Act.\* Trained at Claverack College and White Plains Hospital, she practiced nursing on the Lower East Side of New York before publishing the magazine The Woman Rebel, which landed her in the workhouse. FTP, name this founder of Planned Parenthood and inventor of the phrase "birth control."

A: Margaret Sanger

20. In 1876 he toured the United States as a conductor. In Boston, scalpers sold tickets for up to \$50, as his agent had let it get out that he was going to dance the can-can while conducting\* the score of Orpheus in the Underworld. He did not, however. Originally a German Jew, his position was such later in life that Rossini called him the "Mozart of the Champs-Elysees." FTP, name this composer of Parisian operettas and the Tales of Hoffman.

A: Jacques Offenbach

1. Given the famous story and sports figure, combine the two into one FTPE. For example, if I said the Melville novel about a man and a whale and the host of the ESPN's The Sports Reporters who recently died, you would say Moby Dick Schaap.

a. Sophocles play about an incestuous king and 2001's Heisman runner-up.  
Oedipus Rex Grossman

b. Detroit Pistons forward from North Carolina and Nathaniel Hawthorne novel about the Pyncheon family. Jerry Stackhouse of the Seven Gables.  
Faulkner novel which includes "The Bear" and high-flying center who led the 76ers to the 1983 NBA title. Go Down Moses Malone

2. Name the author from clues 30-20-10.

30. Returning to the United States after World War II, he criticized it in Remember to Remember and the Air-Conditioned Nightmare.

20. He went to Greece from Paris at the beginning of World War II, and there wrote The Colossus of Maroussi, a paean to Greek culture.

10. In Paris throughout the 1930's, there he wrote Max and the White Phagocytes, Tropic of Capricorn, and Tropic of Cancer.

A: Henry Miller

3. When given the character from Puccini's opera Tosca, say how they died FTPE.
1. Cavaradossi shot by firing squad
  2. Scarpia stabbed through the heart with a dinner knife
  3. Tosca suicide by jumping from top of Castel Sant' Angelo

4. Name the American poet laureates from clues FTPE.

1. The first, he is mainly known for prose rather than poetry, such as the Kentucky Tragedy and All the King's Men. Robert Penn Warren
2. The only foreign-born, he was declared a social parasite in Leningrad in 1964 and won the Nobel Prize for his collection Less Than One. Joseph Brodsky
3. She won a Pulitzer Prize for Thomas and Beulah and was the first black and first woman to hold the post. Rita Dove

5. Writers. From Scandinavia. TPE.

1. The author of the Adventures of Nils and Gosta Berlings Saga, the first woman to win the Nobel Prize in Literature. Selma Lagerlof
2. The author of The Growth of the Soil and Hunger, he collaborated when the Nazis invaded Norway in 1940. Knut Hamson
3. A playwright and travel book writer, this Dane wrote children's stories, such as the Princess and the Pea. Hans Christian Andersen.

6. For fifteen points each, given a brief description of a term from art, name it

- a. This French phrase describes a piece of art that fools the eye.  
Trompe L'oeil
- b. in architecture, this phrase describes buildings or monuments that have a rough hewn surface which portrays strength  
rustication

7. Name the American religious leaders from clues FTPE.

1. One of the leaders of Los Angeles' International Church of the Four Square Gospel, her influence declined after her supposed 1926 kidnapping. Aimee Simple Macpherson
2. Originally a dope peddler, he converted to Islam after Eljiah Mohammad sent him five dollars while he was in jail. He was assassinated in 1965 in Harlem.  
Malcolm X
3. His son Franklin has taken over most of his ministry of "crusades," the first of which, in Los Angeles in 1949, led William Randolph Hearst to say Puff this man. Billy Graham

8. For ten points each, give the matrix type from a definition

A real square matrix whose transpose is identical to the matrix

symmetric

A real square matrix whose transpose is its inverse

orthogonal

A complex square matrix whose transpose is its inverse

unitary

9. Name these South Carolina guys FTPE.

1. After avoiding being captured at Charleston, he melted into the forests of the state and harassed the British, who nicknamed him the Swamp Fox. Francis Marion
2. He was the speaker of the line "No! No! Not a sixpence!" during the XYZ affair and lost the 1804 presidential election to Jefferson. Charles Cotesworth Pinckney

3. A long-time Senator, vice-president, and extoller of slavery as a "positive good," he wrote the South Carolina Exposition and Protest, defending nullification. John Calhoun

10. Answer the following about Charlemagne for the stated number of points.

1. Charlemagne was a member of this dynasty, founded by his father. Carolingian
2. Charlemagne created a new capital, a "second Rome" at this city, with its chapel inspired by the Byzantine church of San Vitale in Ravenna. Aix-la-Chapelle or Aachen
3. He brought in this English scholar to direct his palace school. Alcuin of York

11. Notre Dame always has unrealistic expectations in football. Answer these questions about the men who try to fulfill them FTPE.

1. Defensive coordinator under Lou Holtz, he was fired after five years despite a 35-25 record. Bob Davie.
2. For a week, the new coach was this former Georgia Tech boss, who resigned after he admitted falsifying his resume. George O'Leary
3. After O'Leary left, Notre Dame hired this Stanford coach. Tyrone Willingham

12. Jomo Kenyatta. Questions. TPE.

1. Kenyatta was a member of this tribe, prevalent in Kenya. Kikuyu
2. His dissertation, which he wrote under the direction of Malinowski at the London School of Economics, bore this title. Facing Mount Kenya
3. He spent seven years in prison during the 1950's because the British believed he was behind this Kikuyu revolt. Mau Mau Revolt.

13. Name the English Romantics from clues FTPE.

1. He died when his boat capsized in a storm. His poems include the Revolt of Islam, Prometheus Bound, To A Skylark, and Ozymandias. Percy Bysshe Shelley
2. Another early death, this time from consumption, his poems include Ode on a Grecian Urn, the Eve of St. Agnes, and La Belle Dame Sans Merci. John Keats
3. He lived for many years, most of which he spent opium-addled, which he described in his confessions of an English Opium Eater. Thomas DeQuincey

14. Identify the 19th century inventors from clues FTPE.

1. In 1848, he lost the patent for his invention except for improvements made since 1831, the date he invented the reaper. Cyrus McCormick
2. He was the inventor and the first manufacturer of the safety razor and blade. King Gillette
3. He designed his process for making better steel during the Crimean War, so he could build bigger cannons. Henry Bessemer

15. When given a European capital, name the river on which it lies FTPE.

1. Warsaw                      Vistula
2. Berlin                        Spree
3. London                        Thames

16. Identify these types of distributions from statistical physics FTP each:

a. named after the Austrian who collaborated with Stephan to relate radiation to the fourth power of temperature, this type of distribution treats particles as if they are unique, and obey the exclusion principle  
Boltzman distribution

b. named after the Italian first developed fission, and the Britisher who calculated the existence of the positron, this type of distribution applies to particles that cannot be distinguished from each other, and obey the exclusion principle

Fermi-Dirac distribution

c. this distribution treats indistinguishable particles with integral spin (ie, they do not obey the exclusion principle), and is named after the winner of the 1921 Nobel, and the Indian physicist whose name is part of the "heavy particles"

Bose-Einstein distribution

17. Answer the following about British politicians in the Napoleonic wars FTPE.

1. Prime Minister from 1812-1827, he kept the Cabinet together and dealt with the Peterloo massacre. Lord Liverpool

2. The Foreign Secretary who helped define the post-1815 settlement at the Congress of Vienna, he shot himself in 1822. Lord Castlereagh

3. Himself fighting a duel with Castlereagh in 1809, he succeeded Castlereagh in 1822 and Liverpool in 1827. He, far more than John Quincy Adams, was responsible for the Monroe Doctrine. George Canning

18. Name these conductors of the Berlin Philharmonic from clues FTPE.

1. Becoming conductor in 1921, he was virtually the only major cultural figure to stay in Nazi Germany. De-Nazified in 1949, he returned to the podium until his 1954 death.

Wilhelm von Furtwangler

2. Furtwangler's effective long-term heir, he sold millions of records for Deutsche Grammophon and was one of the leading figures behind the Salzburg Festival before his 1989 death. Herbert von Karajan

3. Karajan's successor, this Italian has led to a dreadful fall in the Philharmonic's performance standards. Fortunately, he is being replaced by Simon Rattle this year.

Claudio Abbado

19. When given a WWII operation, name the code word for it FTPE.

1. Pearl Harbor East Wind, Rain

2. the Nov 1942 invasion of North Africa Torch

3. The June 1944 Russian offensive against the German central front.

Bagration

20. Given a famed SEC coach, name the school they are associated with FTPE.

1. Vince Dooley Georgia

2. Colonel Robert Neyland Tennessee

3. Charlie McClendon LSU