

Cardinal Classic XIII: The Legend of Zwarte Piet
Round 5

Questions by UCLA (P. Friel, S. Kaplan, C. Meigs, M. Sherman)

Tossups

1. According to his own press releases, he invented the automobile and the toaster, as well as discovering several well-established scientific theories, yet this man has never won a Nobel Prize. Born in Mangyondae [mahng-yun-deh] and raised in Manchuria, his son just might bungle his way into a Nobel Prize. FTP, name this former Soviet officer who came to power in 1948 in P'yongyang and led his country into the stalemate of the Korean War, the father of Kim Jong-Il.

Answer: Kim Il Sung or Kim Song Ju (prompt on "Kim")

2. Billing is an assistant at The People's Herald and is in love with Petra, a teacher and daughter of the title character. Other characters in this play include the newspaperman Aslaksen and Peter, the mayor, who both try to keep Peter's brother, a doctor, from telling the town about the dangers of the recently-built baths. FTP, what is this Henrik Ibsen play featuring Thomas Stockmann as the title character?

Answer: An Enemy of the People or En folkefiende

3. For an ensemble of N identical particles, the total value of this property equals the value for one particle raised to the N power, divided by N factorial. The natural log of it, times negative one over beta, is the Helmholtz free energy. Commonly represented by the capital letter Z, it is the sum of the Boltzmann factors of all accessible thermodynamic states. FTP, identify this primary quantity in statistical mechanics.

Answer: partition function

4. His works of a scientific flavor included the *General Natural History and Theory of the Heavens*, the *New Theory of Motion and Rest*, *Anthropology from a Pragmatic Point of View*, and a 1755 doctoral dissertation on fire. A prolific writer, he produced well into his 70s, with his last major work being 1800's *Logic*. FTP, name this German philosopher and author of *Observations of the Feeling of the Beautiful and Sublime*, who in his *Metaphysics of Morals* coined the term "categorical imperative."

Answer: Immanuel Kant

5. His first major work tells of a patriarch who allows his business partner to go to prison for murder after instructing him to ship out defective parts to be used in World War II military aircraft. When Keller, the patriarch, learns that his son committed suicide upon learning of his father's treachery he shoots himself. That 1947 play precedes a more famous suicide in his 1949 Pulitzer Prize winning play. FTP name this American playwright, author of *Incident at Vichy*, *After the Fall*, and the above-mentioned *All My Sons* and *Death of a Salesman*.

Answer: Arthur Miller

6. People indirectly referred to in the first one include Jon Bauman, Barry Acklerley, and Ron Meyer. The second one refers to Don Messick and Dr. Robert Levine. The most recent one refers to Mickey Raphael and Amy Pasternack. For 10 points, these people, along with Hall of Famer Rod Carew and others, are referred to by Adam Sandler in what series of songs about Jews?

Answer: the Chanukah Song

[They are, in order, "Bowzer from Sha-Na-Na," "the owner of the Seattle SuperSonics," Tom Cruise's agent, "the guy who does the voice for Scooby-Doo," "Mary Tyler Moore's husband," "the guy in Willie Nelson's band who plays harmonica," and Sarah Hughes' mother.]

7. This composer's choral works include *Threni*, *Requiem Canticles*, and the 1930 *Symphony of Psalms*. His 1938 Dumbarton Oaks concerto for 16 winds was followed by several ballets, including collaborations with George Balanchine on *Orpheus*, *Apollon Musagete*, and *Agon*. This composer of the opera *The Rake's Progress* is perhaps better remembered for a 1913 collaboration with Diaghilev and Nijinsky. FTP, who is this composer of *The Firebird*, *Petrushka*, and *The Rite of Spring*?

Answer: Igor Stravinsky

8. When this river passes by the cities of Batman and Diyarbakir, it is known as the Dicle (DEEJ-LEH). Further to the south it is known as the Dijlah, and it is well over five hundred miles shorter than another famous river. The famous ancient sites along this river include Ctesiphon, Ashur, and Nineveh. FTP, name this river of southeastern Turkey and Iraq which joins its counterpart at the Shatt al-Arab.

Answer: Tigris River (accept alternate names before mentioned in the clue)

9. In mathematical logic, this word refers to a logic in which any finitely satisfiable theory is satisfiable. In analysis, any sequence of points taken from a set with this property has a cluster point and any continuous real-valued function on a non-empty set of this type attains a maximum value. By definition, any open cover of such a set has a finite sub-cover. FTP, the Heine-Borel theorem states that what type of set is equivalent, in Euclidean space, to a closed and bounded set?

Answer: compact

10. Section two, clause one was explained as a requirement of a federal ingredient by Chief Justice Marshall in *Osborn v. Bank of the U.S.* That section also covers alienage and admiralty. Section three forbids the legislature from working corruption of blood or forfeiture after the death of the criminal when punishing treason. Section one provides that officers created under it hold office for life with good behavior. FTP name this article of the Constitution that creates a framework for the federal judiciary.

Answer: Article Three or Third article of the u.s. Constitution (do not accept "third amendment")

11. Jose Guadalupe Posadas inspired him to his profession, and one of his most notable works can be seen at Pomona College. He was a member of the Syndicate of Painters and Sculptors and wanted to revive the fresco, of which his *Prometeo* is probably best known. Also well known for murals, his *The Dispossessed* is in New York, while at Dartmouth, one can see his *Coming of Quetzalcoatl*, *Return of Quetzalcoatl*, and *Modern Industrial Man*. FTP, name this Mexican painter of the early twentieth century.

Answer: Jose Orozco

12. Its history began in September 1950, and it was calculated back to 1949, when the stock exchange reopened. It is calculated by taking the sum of the stock prices of 225 constituents and dividing by a divisor. On July 1, 1970, when the TSE Adjusted Stock Price was discontinued, a company was commissioned to calculate a new stock index, that company being Nihon Keizai Shimbun, Inc. FTP, name this stock average, the most widely watched stock average of Japan.

Answer: Nikkei Stock Average

13. In fluid dynamics, the continuity equation relates the time derivative of this quantity to the divergence of the mass flow rate. For an incompressible fluid, both sides are equal to zero, meaning that the velocity field must be divergenceless. This quantity is also the proportionality factor between the kinematic and dynamic forms of viscosity, and the ratio of its values for a given substance and water is called the specific gravity. FTP, what is this property of a fluid, defined as its mass per unit volume?

Answer: density (or mass density)

14. He wrote screenplays for *Jane Eyre* and *Pride and Prejudice* in the 1940's and on his deathbed had pure LSD injected into him. It was an attack of keratitis punctata that caused him to pursue literature, and his first works included comic novels like *Antic Hay* and *These Barren Leaves*. Later in life, the influence of drugs on his works can be seen in such pieces as *The Doors of Perception*, and his blindness inspired him to write *Eyeless in Gaza*. FTP, name this British author most famous for *Point Counterpoint*, *Chrome Yellow*, and *Brave New World*.

Answer: Aldous Huxley

15. He was unavailable to accept a minor party presidential nomination as he was at the Vatican for an audience with Pope Pius IX. His ticket was endorsed by the second-largest party in the country who had declined to nominate him four years earlier. That snub came two years after the president fell ill while dining on iced milk and fruit at the dedication of the Washington Memorial. FTP name this former protégé of Thurlow Weed who ascended to the presidency upon the death of Zachary Taylor.

Answer: Millard Fillmore

16. The youngest of the Argonauts, in some traditions he is said to have killed King Aetes [ay-EH-teez] of Colchis. His own death was brought about by his jealous uncles Toxeus and Plexippus, but in a sense his entire life was borrowed time. At his birth, Atropos warned his parents, Oeneus [EE-nee-us] and Althea, that he would die as soon as the brand in the fireplace burned completely. That brand was preserved, and this hero went on to marry Cleopatra. FTP name this man who awarded the prize of a great hunt to his beloved Atalanta after killing the Calydonian Boar.

Answer: Meleager

17. This college program produced Donovan Darius of the Jaguars, Keith Bullock of the Titans, four Dolphins including Olindo Mare (Mar-AY), Tebucky Jones of the Patriots, Kevin Johnson of the Browns, and several Colts such as Qadry (Kah-DRE) Ismail, James Mungro and Dwight Freeney. Coached by Paul Pasqualoni, this Big East school also produced the league's all-time high-scoring kicker, single-season reception leader, and career yards-per-carry leader. FTP, name this alma mater of Gary Anderson, Marvin Harrison, and Jim Brown, as well as Eagles quarterback Donovan McNabb.

Answer: Syracuse University

18. Edward Burne-Jones greatly influenced the French symbolists. Works such as *The Light of Christ* by William Holman Hunt were mostly religious or moralistic. John Everett Millais's *Ophelia* was modeled on an actual body in water. All were members of a movement emphasizing detailed naturalistic representation of mostly outdoor scenes, and led by Dante Gabriel Rossetti. For 10 points, what is this school of art that was named for its harkening to the days before a certain Renaissance artist?

Answer: Pre-Raphaelite Brotherhood

19. The most primitive of its five classes, Crinoidea, contains about six hundred species. Unlike the other classes, Holothuroidea are bilaterally symmetrical and they use tube feet to move. Ophiuroidea are able to avoid capture by detaching an arm and escaping. FTP name this animal phylum what includes sea cucumbers, sand dollars, and sea stars, the name of which means "hedgehog-skinned."

Answer: Echinodermata

20. In "Derivative Sport in Tornado Alley," he wrote of his time spent in Illinois playing competitive tennis as a youth. Tennis has figured in other works, including an essay on player Michael Joyce, and his most famous work partially takes place at Enfield Tennis Academy. A week-long trip on a luxury cruise ship is the subject of his "A Supposedly Fun Thing I'll Never Do Again," and his works of fiction include *Girl with Curious Hair* and *The Broom of the System*. FTP, name this footnote-loving author most famous for *Infinite Jest*.

Answer: David Foster Wallace

21. The deciding battle of this war was the Battle of Bloody Swamp and notable events included the capture of Forts San Francisco de Pupo and Picolata and a siege of St. Augustine. However, this war is better known because of an incident on the *Rebecca*, which Captain Juan de Leon Fandino commandeered and subsequently cut off a body part from a captain accused of smuggling. FTP, name this three year war beginning in 1739, most famously named after that captain who had lost his ear.

Answer: War of Jenkins' Ear or King George's War

22. She was born as the illegitimate daughter of a Spanish captain in 1648. As a young girl she revealed prodigious talents of memory, punished herself for mistakes in Latin by cutting her hair, and considered attending university as a boy. By 1667 she entered the community in which she would remain until her death by the plague. Her works included *The Trials of a Noble House*, *Love, the Greater Labyrinth*, and *The Divine Narcissus*. FTP, name this member of the Convent of the Order of St. Jerome, the author of *The Overflowing of the Castalian Spring, by the Tenth Muse of Mexico*.

Answer: Sor Juana Ines de la Cruz (prompt on partial answer)

23. Early in his reign his comptroller general, Turgot, attempted to abolish the corvée, unpaid forced peasant labor. In his first year in power he empowered regional judicial institutions which turned out to be hostile to his policies. In a greater blunder he called together an assembly of an archaic institution that

included commoners as well as the clergy and nobility. FTP name this French monarch who called the Estates General which caused a revolution that culminated in his execution in 1793.

Answer: Louis the Sixteenth (prompt on "Louis")

Bonuses by UCLA

1) Given a plot description of one of Chaucer's *Canterbury Tales*, name the tale FTPE.

1. A seven-year old Christian boy sings in a Jewish ghetto, and the Jews murder him, but a happy ending is assured when the Jews are roughed up and killed and the boy goes to Heaven.

Answer: The Prioress's Tale

2. Nicholas loves Alison, John's wife, convinces him that there is a flood, and Absolon, a parish clerk, kisses Alison's buttocks, and justly angered, comes back and strikes Nicholas in the buttocks with a red-hot poker.

Answer: The Miller's Tale

3. A retelling of one of the episodes in the fables of Reynard the Fox, this tale describes the cock Chauntecleer and his favorite hen Pertelote.

Answer: The Nun's Priest's Tale

2) Answer these related questions FTP each.

1. First, identify the hugely popular, still-running Spanish-language variety show that began airing in Chile in 1962 and moved to America in the 1980s.

Answer: Sábado Gigante (very grudgingly accept "Giant Saturday")

2. What is the stage name of the host of the show for the last 40 years?

Answer: Don Francisco (prompt on partial answer)

3. Finally, what is Don Francisco's real name?

Answer: Mario Kreutzberger

3) Questions about your brain.

1. (10 points) This neurotransmitter was one of the first to be discovered and was originally called "vagusstoff" because it was found to be the substance released by the stimulation of the vagus nerve that altered heart muscle contractions. FTP, name it.

Answer: Acetylcholine

2. (10 points, 10 points) The body has two classes of acetylcholine receptors. FTP each, name them.

Answer: Muscarinic and Nicotinic

4) Given the name of the treaty ending the war name the European conflict it ended FTPE:

1. Treaty of Nystad

Answer: Second Northern War or Great Northern War

2. Treaty of Ryswick

Answer: War of the League of Augsburg or War of the Grand Alliance (or Great Alliance)

3. Treaty of Kuchuk Kainarji.

Answer: Russo-Turkish War (do not accept or prompt on "second Russo-Turkish War")

5) Identify these authors of similarly-titled works FTPE.

1. His novel *Looking Backward 2000-1887* proved so popular that "Nationalist clubs" were founded across the country to discuss it, and he himself founded two magazines, *The Nationalist* and *The New Nation*.

Answer: Edward **Bellamy**

2. This author's autobiography *A Backwards Glance* makes no mention of the adulterous affair that scholars now believe was the basis for her best-known novella, set in the New England town of Starkfield.

Answer: Edith **Wharton** [the novella is *Ethan Frome*]

3. This Civil War poet wrote *A Backward Glance o'er Travel'd Roads* but is better known for verses like "Out of the cradle endlessly rocking" and "When lilacs last in the dooryard bloomed."

Answer: Walt **Whitman**

6) Name these people appearing in the Stations of the Cross, for 10 points each:

1. In the Fourth Station, Jesus meets this woman.

Answer: Mary (accept "his mother," "blessed virgin," & other equivalents; do NOT accept Mary Magdalene)

2. In the Fifth Station, this man helps Jesus carry his cross.

Answer: Simon of the Cyrene (prompt on "Simon")

3. In the Sixth Station, this woman wipes the face of Jesus. Unlike the others, she does not actually appear in any of the gospel narratives of the crucifixion and was recently admitted to have never existed.

Answer: Veronica

7) Name these geographical locations FTPE.

1. This country, formerly British Honduras, has one of the world's largest coral reefs.

Answer: Belize

2. This Indonesian island, with largest city at Denpasar, saw the devastating eruption of Gunung Agung in 1963, but has become more famous for a recent incident.

Answer: Bali

3. Due north of Venezuela, this island's capital is Kralendijk (KRAH-LEN-DIKE) and its airport is Flamingo Field.

Answer: Bonaire

8) Name these 20th century Russian poets from a work or works FTP each.

1. Baba Yar

Answer: Yevgeny Yevtushenko

2. Kamen, Tristia, and Stikhotvorenia 1921-25

Answer: Osip Emilevich Mandelstam

3. Requiem and the Poem without a Hero

Answer: Anna Akhmatova

9) Answer the following questions about the history of Iceland, for 10 points each:

1. In 330 BC, the explorer Pytheas found an island, now thought to be Iceland. What name, thought by ancient geographers to be the northernmost part of the habitable world, did Pytheas give this island?

Answer: Ultima Thule [TOO-lee or THOO-lee, be lenient]

2. Founded at Thingvellir in 930, what is the world's oldest existing national assembly?

Answer: Althing

3. The country proclaimed independence from Denmark as the Republic of Iceland on June 17, in what Olympic year?

Answer: 1944

10) 5-5-10-10, given a star, name the constellation in which it is located.

1. (5 points) Antares

Answer: Scorpio

2. (5 points) Rigel

Answer: Orion

3. (10 points) Regulus

Answer: Leo

4. (10 points) Fomalhaut

Answer: Piscis Austrinis

11) From a description, identify the sculpture currently found in Florence and its creator, for 5 points per answer:

1. (5 points, 5 points) Located at the Bargello, the main character is wearing a hat with a laurel on top, a pair of boots, and holds the sword of his victim in his right hand.

Answer: David by Donato [di Niccolò] di Betto Bardi detto or Donatello

2. (5 points, 5 points) A man holds a title object in his left hand, and a curved sword from Mercury in his right hand. Found at the Loggia dei Lanzi, the man is also wearing winged sandals.

Answer: Perseus with the Head of Medusa (accept "Perseus and Medusa" or other equivalents; there is no canonical title) by Benvenuto Cellini

3. (5 points, 5 points) Also found at the Loggia dei Lanzi, this 1583 marble Mannerist work features a man carrying off a woman in a historical event also retold by Livy and Plutarch. Nicolas Poussin and Pablo Picasso did paintings of the same title.

Answer: Rape of the Sabine Women by Giovanni Bologna

12) Answer the following questions about the recent World Cup of Golf and basketball superstar Chris Webber, FTSNOP.

1. (5 points) What team, featuring Shigeki Maruyama and Toshi Izawa, won the World Cup?

Answer: Japan

2. (10 points) What team, despite having the home-field advantage and Esteban Toledo, a three time top ten finisher this year, finished second-to-last in the World Cup?

Answer: Mexico

3. (10 points) What nation, the defending champion, finished a solid fifth despite not having its two players from last year, the 2001 U.S. Open champion and the British Open Champion?

Answer: South Africa

4. (5 points) Within five, Chris Webber put himself on the golfing map with arguably the most amazingly horrible opening-round in celebrity golf events when he shot what score on a par-72 course?

Answer: 143 (accept 138 to 148; Webber's final score over three rounds was 407, or 191 over par)

13) FTPE, name the following leaders recently elected to or selected for office.

1. Brazil recently elected this former labor union leader, the first leftist president since João Goulart in 1964.

Answer: Luiz Inacio Lula da Silva (prompt on "Lula")

2. President-elect of South Korea, he will take over the office from President Kim Dae-jung in February.

Answer: Roh Moo-hyun (accept "roh" but it is actually pronounced "noh")

3. A native of Anhui (AHN-HWAY) province, this man was named General Secretary of China and is expected to become President.

Answer: Hu Jintao

14) Identify the following about The Count of Monte Cristo, for 10 points each:

1. He uses the fake names Lord Wilmore, Abbé Busoni and Sinbad the Sailor, but what is the real name of the titular character?

Answer: Edmond or Dantes

2. She is Edmond's fiancée when he is taken away. She marries Fernand Mondego after Edmond is framed by Fernand.

Answer: Mercedes

3. Edmond spends years in this prison, where he befriends the Abbe Faria.

Answer: Chateau d'If

15) Identify these mythological dads FTPE:

1. This cousin of Priam secretly mated his mares with divine stallions creating super horses. He is well known for being carried on his son's shoulders on the way out of Troy.

Answer: Anchises

2. After bedding down Rhea Silvia this character became father to a notable set of twins, one of whom would have a city named for him.

Answer: Mars

3. This dad and his two sons were ripped apart by sea serpents after trying to warn the Trojans not to accept the wooden horse.

Answer: Laocoon

16) Give the chemical formulae of the following compounds FTPE:

1. Glucose

Answer: C6 H12 O6

2. Nitric Acid

Answer: H N O3

3. Formaldehyde

Answer: H C H O

17) Given a description and example of a figure of speech, name it FTP each.

1. Emphatic expression through an ironical, understated negative. For example: "She's not too pretty" to

mean "She's ugly."

Answer: Litotes

2. Repetition of the same word or group of words at the beginning of successive clauses, sentences, or lines; an example is the repeated use of "He has..." (referring to King George) in the Declaration of Independence.

Answer: Anaphora

3. Use of a word simultaneously in literal and figurative sense. For example: "You broke both my heart and my stereo."

Answer: Syllepsis (also accept "zeugma")

18) Identify these figures from American naval history FTPE.

1. After winning the Battle of Lake Erie he said, "We have met the enemy and they are ours."

Answer: Oliver Hazard Perry (prompt on "Perry")

2. The navy created the rank of Admiral of the Navy for this man who opened the Battle of Manila Bay by saying: "You may fire when you are ready, Gridley."

Answer: George Dewey

3. This man commanded the first steamship in the U.S. Navy and later entered Tokyo Bay to negotiate the first American treaty with Japan.

Answer: Matthew Perry (prompt on "Perry")

19) Identify the following politicians from Alaska in the news in December 2002, for 10 points per answer:

1. (10 points, 10 points) Name both Alaska's new governor and Alaska's House Majority Leader whom he selected to finish out the remaining two years of his Senate term.

Answer: Frank Murkowski and Lisa Murkowski

1. (10 points) Before choosing his own daughter, Murkowski considered appointing this man, Alaska's Senate Majority Leader and son of Alaska's other Senator.

Answer: Ben Stevens

20) Given the title or subtitle to a biography of a mathematician, name the subject FTP. You'll get five points if you need some information about him.

1. (10 points) The Master of us All

(5 points) This 18th century Swiss mathematician solved the Koenigsberg bridge problem.

Answer: Lenhard Euler

2. (10 points) The Man Who Loved Only Numbers

(5 points) This wildly eccentric and prolific Hungarian number theorist spent much of his life as a mathematical nomad until his death in 1996.

Answer: Paul Erdos

3. (10 points) The Man Who Knew Infinity

(5 points) Another mathematician known for his contributions to number theory and combinatorics, this Indian genius was "discovered" by Hardy but died at the age of 32.

Answer: Srinivasan Ramanujan

21) Given a description, name the Bach work FTP each.

1. It was rumored that Bach was writing this monothematic cycle at the time of his death, but recent analysis suggests it was written in the early 1740s and the incompleteness of Contrapunctus 14 is a result not of death but carelessness on the part of his executors. The printed score appeared in 1751 and may have presented the cycle in a different order than the one intended.

Answer: the Art of (the) Fugue

2. While the *Art of the Fugue* has all pieces in the same key, this double cycle is the complete opposite: it contains preludes and fugues in each of the twelve major and minor keys, demonstrating the versatility of the instrument it names.

Answer: the Well-Tempered Clavier

3. Mendelssohn's 1841 presentation of this piece in Leipzig, the city of its debut in 1727, sparked a revival of interest in Bach.

Answer: the Saint Matthew Passion (accept reasonable equivalents)

22) Answer the following questions about recent winners of the Nobel Prize in Physics, for 10 points each:

1. Frederick Reines, winner of the 1995 prize, proved the existence of what particle, also detected by Raymond Davis, Jr. and Masatoshi Koshihara, co-winners of the 2002 prize?

Answer: neutrinos

2. Three men working in the U.S. shared the 2001 prize for discovering what state of matter, in which macroscopic numbers of atoms occupy the same quantum state?

Answer: Bose-Einstein Condensate

3. Jack S. Kilby, who shared the 2000 prize for helping invent the integrated circuit, has worked for what company since 1958?

Answer: Texas Instruments

23) FTSNOP, answer the following questions about the history of Uzbekistan

1. (5 points, 5 points) Give the ancient names of the Amu Darya and Syr Darya rivers.

Answer: Oxus and Jaxartes

2. (10 points) One of the most memorable Uzbek states was this prosperous state, later known as Khiva, which was eradicated in 1220 by Chingiz Khan with 200,000 men. It may be better known for its similarity to the name of the developer of algebra, from whose name the word algorithm comes.

Answer: Kwarizm (do not accept "Kwarizmi")

3. (10 points) Name the city from which the Timurid Empire ruled, a city known as the Rome of the East that was regarded as the cultural center of Central Asia.

Answer: Samarkand (prompt on "Maracanda")

24) Given an uprising from American history name the state, territory, or colony in which it primarily occurred 5-5-10-10.

1. (5 points) Shays' Rebellion.

Answer: Massachusetts

2. (5 points) Bacon's Rebellion

Answer: Virginia

3. (10 points) Regulator Movement

Answer: North Carolina

4. (10 points) Paxton Boys Uprising

Answer: Pennsylvania