

Tossups by Two Men, Two Women, and a Sheep for 1996 Philly Experiment III

1. A 2000-mile sand wall, completed in 1987, encloses this phosphate-rich desert region. Its Polisario Front has been fighting for independence since Spanish rule ended in 1976, but its status remains in dispute. FTP, name this territory whose principal currencies are the Mauritanian ouguiya and the Moroccan dirham.

Answer: WESTERN SAHARA (do not accept: Spanish Sahara)

2. Charles Darwin could not explain why recessive traits did not simply die out in favor of dominant ones from generation to generation, thus stopping variance in the population. This remained a problem for geneticists until a mathematician and a physicist concurrently discovered that the original proportion of dominant to recessive alleles will remain steady from generation to generation. FTP, identify this law which bears the names of its two discoverers, an Englishman and a German.

Answer: HARDY-WEINBERG Law

3. His adventures were recently made into a movie starring Billy Zane. He often dons an overcoat and takes the name Kit Walker because his skintight purple costume is easy to spot. FTP, name this cartoon character who, when he hits a criminal, leaves a skull tattooed on his face from the ring he wears.

Answer: The PHANTOM

4. Despite being a mulatto, he earned a reputation for championing the rights of underclass blacks as Director-General of Public Health and Secretary of Labor. In 1957, he became president of his country by an overwhelming majority. Instead of helping the poor, he then became a corrupt and authoritarian leader. FTP, name this Haitian dictator, who made himself President-For-Life in 1964.

Answer: FRANCOIS DUVALIER (accept "PAPA DOC" DUVALIER)

5. Although he never published anything more than a poem, he wrote hundreds of stories about the life and times of Alexander Percy, an Angrian general. Percy became an inspiration to this man's sisters, who used him as a template for such characters as Edward Rochester and Heathcliff. FTP, name this less famous sibling of a literary family, who died of alcohol-related illness.

Answer: Patrick BRANWELL BRONTE

6. Invented by A. C. Gilbert, an Olympic Gold medalist in the pole vault, its slogan "Hello, Boys! Make Lots of Toys!" made it 1913's hot Christmas gift. Gilbert hit upon the idea during a trip to New York when he saw tracks being laid down for rail cars and girders going up for buildings. FTP, name this toy that features miniature steel girders, nuts, and bolts.

Answer: ERECTOR Set

7. Situated southwest of Zermatt, it was first scaled in 1865 by Edward Whymper. Also known as Cervino, its pyramidal shape and sheer sides were formed by ice and enlarging cirques. FTP, name this 14,690-foot peak in the Pennine Alps.

Answer: MATTERHORN

8. It enables chemists to calculate the actual amounts of reacting material required to produce a desired amount of product. It is defined as the relationship between the weights of all the reactants and products in a chemical reaction. FTP, identify this field, the study of quantitative relationships in chemical reactions.

Answer: STOICHIOMETRY

9. After the Civil War, this American politician served in the Senate and as the Minister to Spain for a year. Before the war, he was an anti-slavery member of Congress who joined the Republican Party and became governor of Maine in 1856. FTP, name this anti-slavery Republican who was Lincoln's first Vice-President.

Answer: Hannibal HAMLIN

10. In 1843, he died while searching for a legendary Cherokee tribe in Mexico. He became fascinated by the written language of the white man, which he called "talking leaves." In 1809, he began to analyze the Cherokee language and developed an 86 character written language for his people. FTP, name this creator of the Cherokee Indian alphabet.

Answer: SEQUOYAH

11. It opened in 1914 as Weegham Field, home of the Whales of the Federal League, and its famous scoreboard was added by Bill Veeck in 1937. Its reputation as an offensive haven may result from its high latitude, its small foul territory, and its protruding bleachers. FTP, name this stadium famous for its ivy-covered walls, which hosted only day games until 1988.

Answer: WRIGLEY Field

12. It opens with impressions of a jaunty stroll around the city, complete with squawking taxi horns. Later, the visitor's loneliness is suggested in a homesick blues. FTP, name this symphonic poem, the subject of a 1951 Gene Kelly film, composed in France by George Gershwin.

Answer: An AMERICAN IN PARIS

13. It is the only deuterostome phylum other than chordata, and its embryonic development shows it to be the major phylum most closely related to our own. Its classes include Crinoidea, Holothuroidea, and Asteroidea. FTP, name this phylum containing sea cucumbers, sea urchins, and starfish.

Answer: ECHINODERMATA

14. This writer used her birthplace, colonial French Indochina, as background for her portraits of the redemptive and destructive power of love. Born in 1915, her 1984 autobiographical novel portrays the social and sexual forces at work in the relationship between a French teenager and a wealthy Asian man. FTP name this author of "The Lover" and the screenplay for "Hiroshima, Mon Amour."

Answer: Marguerite DURAS

15. It can be defined as a measure of space such that the total measure of all such spaces is one. The axiomatic definition was formalized by Kolmogorov in 1933, and the subjective definition is essential to Bayesian inference. FTP, what is this function, whose classical definition is credited to Pascal and Fermat's studies of gambling, and which plays an important role in statistics?

Answer: PROBABILITY

16. The woman who does everything more beautifully than you do, fashion cop, the woman who lies in her personal journal, the dogs from hell, and the woman who worries about everything. These personalities are all stock characters in, FTP, what comic strip written by Nicole Hollander?

Answer: SYLVIA

17. An Irish orphan becomes the assistant to an old lama on a quest to find a holy river. By mistake the orphan is recognized by his father's regiment and sent to school, but he still travels with the lama during vacations, while he helps the English secret service with his knowledge of India. FTP, name this Rudyard Kipling novel about a multi-cultural boy.

Answer: KIM

18. She fell in love with Adonis, and when he was killed by a boar she begged Zeus to restore him to her. Another story about her tells how her husband, Hephaestus, trapped her in bed with her lover Ares by throwing a golden net over them, then displaying their embarrassment to the other gods. FTP, identify this Greek goddess of erotic love and marriage.

Answer: APHRODITE

19. It is a chronicle of the interactions between the Schlegels and the Wilcoxes, with the former representing the arts and social activism and the latter standing for the established but unimaginative landowners of England. The Schlegels triumph, to some extent, when Mr. Wilcox marries Margaret Schlegel, but in the process Leonard Bast loses his life. FTP, name this E.M. Forster novel.

Answer: HOWARDS END

20. Established under the Carolingians, its followers attempted to synthesize a Christian system of logic and philosophy based on Aristotle and other ancient thinkers. Their most significant contribution to modern philosophy was their debate about the priority of essence or existence. FTP, name this movement, best known for proponents such as Pierre Abelard and Thomas Aquinas.

Answer: SCHOLASTICISM

Bonuses by Two Men, Two Women, and a Sheep for 1996 Philly Experiment III

1. The year 63 BC was an important one in Roman history. Answer these questions about it for the stated number of points.

1. What emperor and member of the second triumvirate was born?

Answer: AUGUSTUS

2. What consul uncovered and stopped a conspiracy to overthrow the government?

Answer: Marcus Tullius CICERO

3. What king of Pontus and long-time Roman enemy died in 63 BC?

Answer: MITHRIDATES

2. 30-20-10. Name this American author.

30: She wrote the short stories "The Swan" and "Xingu."

20: Her last novel, "The Buccaneers," remained unfinished until a scholar completed it and had it published in 1994.

10: Her connections to wealthy New Yorkers are characteristically evident in such novels as "The House of Mirth."

Answer: Edith WHARTON

3. 30-20-10, name the mathematical term.

30: The Heine-Borel and Bolzano-Weierstrass theorems deal with the equivalence of definitions of this type of set.

20: In Euclidean space, such sets are equivalent to closed and bounded sets.

10: This term can describe a class of car, a formal agreement or contract, or an item one might find in a woman's purse.

Answer: COMPACT

4. It's a little late for Midsummer's Night, but let's see how much you remember from Shakespeare's Dream. Name any three of Titania's four attendant fairies, for 10 points each. Speaking very loosely, two are animal-related and two are plant-related.

Answer: MOTH, COBWEB, PEASE-BLOSSOM, MUSTARDSEED

5. Identify the entertainer, 30-20-10.

30: He played Nathan Detroit in the 90s revival of "Guys and Dolls," and did the voice for the meerkat Timon in "The Lion King."

20: He won a 1996 Tony for his performance in the revival of "A Funny Thing Happened on the Way to the Forum."

10: He starred as the flamboyant Albert opposite Robin Williams in "The Birdcage."

Answer: Nathan LANE

6. Answer these questions about Canadian islands for the stated number of points.

1. 5: This Belgium-sized island is separated from the U.S. by the Strait of Juan de Fuca.

Answer: VANCOUVER Island

2. 15: The Canadian part of Lake Huron contains the world's largest lake island. This island itself contains a lake that is the world's largest lake in a lake. Name this island about the size of Rhode Island.

Answer: MANITOULIN Island

3. 10: Canada contains three of the world's ten largest islands, all of which lie at least partly above the Arctic Circle. Name the largest Canadian island lying entirely below the Arctic Circle, the world's sixteenth largest.

Answer: NEWFOUNDLAND

7. Identify these carnivorous plants, for 10 points each.

1. These utilize sticky red hairs which curve inward and trap the insects.

Answer: Common SUNDEW

2. Its Latin name is *Dionaea muscipula*; small hairs on the inside of its leaves cause them to close when triggered.

Answer: VENUS FLY-TRAP

3. This aquatic plant sucks insects into small sacs underwater.

Answer: BLADDERWORT

8. Fans of musical theatre have mourned the death of the composer/lyricist of this year's Tony-winning Best Musical, considered by many to be the best American musical to come along in a decade.

1. 5: Name the award-winning musical, which is a chronicle of the artists, addicts, and street people of New York's East Village.

Answer: RENT

2. 10: Name the nineteenth-century opera on which the musical is based.

Answer: LA BOHEME

3. 15: Name the author of "Rent" who died of an aneurism at 35, three weeks before his show opened on Broadway.

Answer: Jonathan LARSON

9. Answer the following questions about the war in French Indochina for the stated number of points.

1. 5: Name the site of the 1954 siege of French forces by the Viet Minh that led to French withdrawal from Indochina.

Answer: DIEN BIEN PHU

2. 10: Name the Viet Minh general who planned the siege.

Answer: Vo Nguyen GIAP

3. 15: Name the French general who held out with his men from March 13 to May 7, 1954.

Answer: Christian DE CASTRIES

10. Name these relatives from the Bible for the stated number of points.

1. For 5 points each, name the sons of Zebedee.

Answer: JAMES and JOHN

2. For 5 points each, name the daughters of Laban.

Answer: REBECCA and LEAH

3. For 10 points, name Joseph's only full brother.

Answer: BENJAMIN *Rachel*

11. How much do you remember about the Gulf War? Answer the following questions for the stated number of points.

1. 5: Name the Iraqi Foreign Minister

Answer: Tariq AZIZ

2. 10: Name the commander of the 24th Infantry Division who is currently Clinton's drug czar.

Answer: Barry MCCAFFREY

3. 15: Name the Saudi town where Iraqi soldiers attacked U.S. forces on January 29, 1992.

Answer: KHAFJI

12. Give the composers of these famous pieces for flute, 10 points each.

1. Syrinx

Answer: Claude DEBUSSY

2. Density 21.5

Answer: Edgar VARESE

3. Meditation from Thais (thai-ese)

Answer: Jules MASSENET

13. Answer the following question about the English Civil War for 10 points each.

1. Name the ubiquitous cavalry commander of the Cavaliers, whose aggressiveness played a large role in the Cavalier losses.

Answer: Prince RUPERT of the Rhine

2. Name the June 14, 1645, battle which was the last major battle between the Cavaliers and Roundheads.

Answer: NASEBY

3. Name the Commander-in-Chief of the Parliamentary forces who commanded the Roundhead forces at Naseby.

Answer: Thomas FAIRFAX

14. Give the authors of these children's books for 10 points each.

1. "The Dark is Rising" and "The Grey King"

Answer: Susan COOPER

2. "A Ring of Endless Light" and "A Wind in the Door"

Answer: Madeleine L'ENGLE

3. "Little Lord Fauntleroy" and "The Secret Garden"

Answer: Frances Hodgson BURNETT

15. Let's see how well you know your sports. I'll give you the result of a World Series and you tell me who won the Super Bowl in that year for 10 points each.

1. St. Louis Cardinals defeat the Boston Red Sox 4 games to 3

Answer: GREEN BAY PACKERS (Super Bowl 1, 1967)

2. Baltimore Orioles defeat Cincinnati Reds 4 games to 1

Answer: KANSAS CITY CHIEFS (Super Bowl 4, 1970)

3. Detroit Tigers defeat San Diego Padres 4 games to 1

Answer: LOS ANGELES RAIDERS (Super Bowl 18, 1984)

16. Given the architectural fiasco, name the building for 15 points each.

1. Unable to withstand Chicago's temperature extremes, this skyscraper's marble panels began to buckle, and the building had to be re-clad in granite at a cost approaching the original cost of the entire building.

Answer: AMOCO Building (acc: STANDARD OIL Building)

2. All 10,000 of this skyscraper's reflective glass panels had to be replaced after they started to blow out in a storm. It also suffered from structural problems and may have been in danger of toppling over onto its thin side, like a book falling on its spine. To remedy the problem, 1650 tons of steel bracing had to be added.

Answer: John HANCOCK Building (Boston)

17. Given some notable sights or events, identify the city and year in which these World's Fairs or Expositions were located, 5 points for each correct city or year.

1. DuPont's nylon stockings, the World of Tomorrow, Futurama

Answer: NEW YORK, 1939

2. Edison's light bulb, the first Ferris Wheel, the Houdini Brothers

Answer: CHICAGO, 1893

3. the Trip to the Moon ride, President McKinley's assassination

Answer: BUFFALO, 1901

18. For 15 points each, identify these alternate forms of H₂O.

1. It was discovered in 1965 by B. V. Deryagin, who found that water in a thin glass tube became denser than ordinary water and boiled at 500 Celsius. It was later found that its properties resulted from the water dissolving chemicals in the tube.

Answer: POLYWATER (acc: polymerized water)

2. Blue-white in solid form with a melting point of 114.4 Fahrenheit, it was the last gift Felix Hoenikker created for mankind before going to his just reward.

Answer: ICE-NINE

19. Given a statement of a law named after a person, identify the law for the stated number of points.

1. 10: In logic, the negation of the union of A and B is identical to the intersection of the negation of A and the negation of B.

Answer: DEMORGAN'S Laws

2. 5: In chemistry, the total pressure of a mixture of gases is the sum of the partial pressures of each gas.

Answer: DALTON'S Law of Partial Pressures

3. 15: In psychophysics, the strength of a sensation grows as the logarithm of stimulus intensity.

Answer: FECHNER'S Law

20. Answer the following questions about the Franco-Prussian War of 1870, for the stated number of points.

1. 5: What telegram about the meeting between the Kaiser and the French ambassador was edited by Bismarck and released to provoke the French?

Answer: The EMS Dispatch

2. 10: In what battle did German forces defeat the French and capture Napoleon III.

Answer: SEDAN

3. 15: Name the French ambassador whose meeting with the Kaiser led to the Ems Dispatch.

Answer: Vincent BENEDETTI