

Philly Experiment IV: (Insert Title Here)

Round 9

Packet by: Antarctica Board of Tourism

✓ 1. Defended by leading critic John Ruskin, this group of artists signed all of their paintings anonymously. Among their practitioners were sculptor James Woolner as well as painters such as William Dyce, James Collinson, and Ford Madox Brown. FTP identify this group of artists, founded by John Everett Millais, William Holman Hunt, and Dante Gabriel Rossetti.

A: Pre-Raphaelite Brotherhood

✓ 2. He actively campaigned for Willy Brandt in 1969, and took a controversial stand against German reunification in his "Essay on Loss." He's best known for his fiction, including the "Danzig trilogy," two thirds of which are "Cat and Mouse" and "Dog Years." The film version of the third book was recently declared obscene in Oklahoma. FTP identify this German author of "The Tin Drum."

A: Gunter Grass

✓ 3. Discovered at Stanford by Martin Perl, these fermions have a mass of 1,784 megaelectron volts, making them about 3,500 times the mass of an electron. They are unstable, and they are believed to have a neutral partner, but no such neutrino has been discovered. FTP identify this class of large leptons, which decay into muons and electrons, named for the first Greek letter in the word "third."

A: Tauons or Tau Particles

✓ 4. He and Solon were not contemporaries, so warnings given to him attributed to Solon by Herodotus were most likely apocryphal. In the story, he misinterpreted the words of the Delphic oracle when it told him that a war with Persia would cause the fall of a great empire: the great empire was his own. FTP identify this 6<sup>th</sup> century BCE king of Lydia, most famous for his wealth.

A: Croesus

~~5. This term may have been derived from a Hebrew word for "tradition," which describes Jewish oral traditions similar in some ways to Islamic hadith. However, it was first widely used in England to refer to five ministers under Charles II notorious for their intrigue. In fact, this five-letter word is made up of the initials of the names of those ministers. FTP identify this term, describing a conspiracy by a small elite group.~~

~~A: Cabal~~

✓ 6. It is a component of vitamin B-12, making it among the heaviest elements in a vitamin. Useful in heat-resistant alloys, it is notable for its very high Curie point. One of its radioactive isotopes, with atomic mass 60, is still used to inspect industrial materials since it emits gamma rays. FTP identify this element, one of three elements to exhibit ferromagnetism, named for a creature of Germanic myth.

A: Cobalt

7. The villains are a twisted German eugenicist and his psychotic creation, who plot to use a mining and oil-drilling operation as a pretext for flooding the San Andreas Fault and destroying Silicon Valley with an earthquake. The theme song to this film became a chart-topping hit for Duran Duran. FTP identify this film, featuring Christopher Walken, Grace Jones, and, for the last time, Roger Moore as Agent 007.

A: A View To A Kill

8. Presenting disturbing questions about justice and public morality and set in Vienna amidst a restrictive law against "lechery," this dark comedy features prison scenes used for comic relief. The male characters reveal their hypocrisy one-by-one, as the heroine is able to save her love in the end. FTP, identify this Shakespeare play featuring the pathetic Lucio, the thoughtful Duke, the quasi-villain Angelo, and the virtuous Isabella.

A: "Measure for Measure"

9. At 2,045 square miles it would rank between Connecticut and Delaware in size if it were a state, but would be the least populous state with less than 130,000 residents. The Micmic tribe called it Abegweit, for "cradled by the waves" and the French called it Ile-St. Jean. It's main industry is tourism, thanks in part to fans of "Anne of Green Gables." FTP identify this island province of Canada.

A: Prince Edward Island

10. Willie Keith is a rich New Yorker; Tom Keefer is a cynical, intellectual Lieutenant; and Steve Mark is another Lieutenant whose court martial takes up most of the book. This 1952 Pulitzer Prize winner is based on the author's experiences aboard a destroyer-minesweeper in the Pacific during World War II. FTP, name this novel, also depicting the neurotic Captain Queeg, written by Herman Wouk.

Answer: The Caine Mutiny

11. It comes from the Algonquian dialect of the Natick Native Americans and originally meant "great man," but its meaning was reversed when it was used to describe the mostly reform-minded Republicans who left the party in 1884 to support Grover Cleveland. For 10 points name this word, an unflattering term for a fence-sitter.

A: Mugwump

12. Their active ingredients are acid hydrolases used to process macromolecules such as polysaccharides and nucleic acids. They originate by budding off the membrane from the trans-Golgi network. It is now known that they are crucial to catabolism as well as acting as a sort of "self-destruction button" if things in a cell go awry. FTP identify these subcellular organelles.

A: lysosomes

13. This Senator survived a difficult election challenge in the Year of the Woman in 1992 and now sees another woman, Linda Rhodes, on the horizon in 1998. A recent fundraiser with longtime Democrat Steven Spielberg showed that he'll be tough to beat. FTP, name this 1996 presidential candidate and member of the Senate Judiciary Committee who wonders how much voters will remember his grilling of Anita Hill.

Answer: Arlen \_Specter\_

14. His first telling of his father's story in print created a worldwide sensation in 1986 and advanced his medium beyond the back pages of newspapers. Vladek's tale of Auschwitz is a compelling one, and the easy-to-read format of both the original work and its sequel only makes the message that much more powerful. For ten points, name the author of both \_Maus\_ and \_Maus II\_.

Answer: Art \_Spiegelman\_

15. It is caused by the transmission of an abnormal gene which causes a lack of the enzyme hexosaminidase. This causes the nervous system to fail to develop correctly, and symptoms include mental and physical retardation, blindness, red spots, paralysis, and usually death by the age of 2 or 3. FTP, name this disease which most often affects children with an eastern European Jewish background.

Answer: \_Tay-Sachs\_ disease

16. Based on a play by DuBose Heyward, characters include Sporting Life, the local dope-peddler, Crown, the great lover of the community, and the two title characters, one of whom was Crown's girl but eventually falls in love with the other, a cripple. Set in Catfish Row, South Carolina, it was first performed in 1935 with an all negro cast. FTP, name the American opera by George Gershwin.

Answer: \_Porgy and Bess\_

17. Rufus McIntire was appointed by the Maine legislature as land agent with authority to expel a group of Canadian lumberjacks who were logging in a disputed region. In February 1839, the Canadians captured McIntire, Nova Scotia's legislature made war appropriations, and the U.S. Congress authorized a force of 50,000. FTP, name this "War" in which no blood was shed, settled by the Webster-Ashburton Treaty.

Answer: \_Aroostook\_ War

18. Prior to the 1972 season, the Cardinals traded him for Rick Wise. The Cardinals regretted it when he completed pitching's Triple Crown that season and collected the first of his record 4 Cy Young Awards. FTP, name this eccentric Hall-of-Famer who rarely talks to the media and who in 1986 ended his 14 year stint with the Philadelphia Phillies.

Answer: Steve \_Carlton\_

✓ 19. When this hero was born, his grandfather put him and his mother in a chest at sea which was eventually found by the fisherman Dictys. Dictys' tyrannical brother, Polydectes, sent this hero on a quest in an attempt to kill him, but with the help of Athena and Hermes he succeeded, and he used his trophy to turn Polydectes into stone. FTP, name this grandson of Acrisius and son of Danae, the slayer of Medusa.

Answer: Perseus

✓ 20. For two centuries a Portuguese possession, the Arabs finally reclaimed it as a slave-trading center in 1700. In the 1890s, it became a British protectorate and achieved independence in 1963. Its sultan was overthrown shortly thereafter and it was incorporated into Tanzania. FTP, what is this Island of Cloves?

Answer: ZANZIBAR

Use 21. One of the first graduates of Yale University's School of Forestry, he was posthumously granted the John Burroughs medal for writing in natural history in 1977. He wrote important textbooks on wildlife management in the 1930's, but his best known work is a collection of prose sketches about the region near his farm on the Wisconsin River. FTP identify this environmental author of "Sand County Almanac."

A: Aldo Leopold

1. Answer these questions about the disastrous attempt to start an English colony on Roanoke Island, for the stated number of points.

a. For ten points for an exact answer, and for five if within five years, in what year was the colony on Roanoke Island founded?

A: 1587 (5 pts for 1582-1592)

b. According to legend, the first European child born in the New World was born on Roanoke Island. FTP, what was that child's name?

A: Virginia Dare

c. All that remained of this colony when ships bringing supplies arrived in 1591 was one mysterious word. FTP, what was that word, found carved on a tree bark?

A: "Croatoan"

2. Answer these questions about the chemistry of batteries for ten points.

a) Your average, every day, non-rechargeable flashlight battery is specifically what type of battery?

dry-cell battery

b) For ten points each, what two elements for the cathode and anode in a dry cell battery?

zinc (anode) and carbon (cathode)

3. 30-20-10 Identify the author from a list of works.

30 : "Basil" and "Heart and Science"

20 : "No Name," "The Hautned Hotel," and "Antonina or the Fall of Rome"

10 : "The Woman In White" and "The Moonstone"

A: Wilkie Collins

4. Given two common names of species, identify how closely they are related and what taxonomic category they both belong to, five points per answer. For instance, if I said "Mary Obrempt" and "cockroach," you'd say "Kingdom" and "Animalia" for a total of 10 points. Or would you?

a. silverfish and crayfish A: Phylum, Arthropoda/Arthropod

b. human and lemur A: Order, Primata/Primates

c. ants and bees A: Order, Hymenoptera

5. Given two large cities in a country that are neither the largest city nor the capital, name the country for five points each. Five point bonus for all five correct.

a. Belo Horizonte and Recife A: Brazil

b. Mombasa and Kisumu A: Kenya

c. Misratah and Benghazi A: Libya

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

5) At this August 9, 378 AD battle, the Visigoths slaughtered the Roman army, killing the Emperor Valens.

A: Adrianople

15) One of the better known of the Visigoth leaders, he died the same year as the Visigoth's first major sack of Rome in 410.

✓ A: Alaric I

10) This other well-known leader, ruling until 451, was the first Visigoth leader who could truly be called a monarch.

✓ A: Theodoric I

7. Answer these questions relating to electromagnetic radiation FTP each.

a) His displacement law concerning radiation emitted by a perfectly efficient "black body" won him the 1911 Nobel Prize in Physics.

✓ A: Wilhelm Wien

b) This term is used by biologists to describe the category of ultraviolet rays most readily absorbed by organic matter; it refers to all UVB rays, some UVC rays, and no UVA rays.

A: actinic

c) This term refers to the percentage of solar radiation which is reflected away from a surface.

✓ A: albedo

8. Identify these works of Aleksandr Solzhenitsyn FTP each.

✓ a) This short novel, Solzhenitsyn's first literary work, details the title character's experiences in a forced labor camp.

One Day in the Life of Ivan Denisovich

b) This history of the Soviet prison system, subtitled "An Experiment in Literary Investigation," resulted in Solzhenitsyn's arrest and exile.

✓ The Gulag Archipelago

c) This novel, which takes place over three days, details Germany's crushing victory over the Russians at the Battle of Tannenberg in World War I.

✓ August 1914

9. Answer these questions about economics FTP each.

✓ a. This is defined as a graph showing various combinations of two goods that yield equal satisfaction to an individual. The tangency between this and the price line yields an optimum point of utility.

A: indifference curve

✓ b. This Anglo-Irish economist developed the idea of the indifference curve in 1881.

A: Francis Y. Edgeworth

✓ c. This term refers to the effect of a relative price change between two goods on an indifference curve-intersecting price line, changing the optimum point irrespective of an overall change in purchasing power. A: substitution effect

10. Given the Major League team with only one representative on an All-Star, name the All-Star, five points each, five point bonus for all correct.

✓ a. Boston Red Sox

A: Nomar Garciaparra

✓ b. Detroit Tigers

A: Justin Thompson

c. Oakland Athletics



- ✓ A: Mark \_McGwire\_
- ✓ d. Cincinnati Reds
- ✓ A: Barry \_Larkin\_
- ✓ e. Pittsburgh Pirates
- ✓ A: Tony \_Womack\_

11. Answer these questions relating to the T'ang dynasty of Chinese history, FTP each..

- ✓ a. Within 20 years, in what year did the T'ang dynasty come to power?  
 ✓ A: 618 AD/CE (accept 598-638 AD/CE)
- ✓ b. This dynasty reunified China in 589 AD/CE, only to be supplanted by the T'ang Dynasty 30 years later.     A: \_Sui\_ dynasty
- ✓ c. According to legend, this most famous T'ang poet, exiled due to a suspected role in the Lu-Shan Rebellion, killed himself trying to embrace a reflection of the moon in a pool in a drunken stupor.  
 ✓ A: \_Li\_ Po

12. Given these relatively new heads of state, name the country.

- ✓ 1. Ruth Perry  
    \_Liberia\_
- ✓ 2. Victor Klima  
    \_Austria\_
- ✓ 3. Lionel Jospin  
    \_France\_

13. Given these modern British plays, identify the playwright on a 10-5 basis.

- ✓ 10) Top Girls
- ✓ 5) Cloud Nine  
    A: Caryl \_Churchill\_
- ✓ 10) Old Times
- ✓ 5) The Dumb Waiter  
    A: Harold \_Pinter\_
- ✓ 10) The Real Inspector Hound
- 5) Rosencrantz and Guildenstern Are Dead  
    A: Tom \_Stoppard\_

14. For ten points each, identify the composers of the following musicals :

- ✓ a. Show Boat  
    A: Jerome \_Kern\_
- ✓ b. Annie Get Your Gun  
    A: Irving \_Berlin\_
- ✓ c. Anything Goes  
    A: Cole \_Porter\_

15. Answer these questions about the Earth's air circulation patterns for the stated number of points.

✓ 5) This term describes the area immediately on either side of the equator. Because air is constantly rising from this region, it tends to be very hot and dry.

\_doldrums\_

✗ 10) This term describes the circulation of winds which rise at the equator, flow to about 30 degrees latitude, and then sink, producing a lot of rainfall.

\_Hadley cell\_

✓ 15) This is the descriptive term for the wet subtropical region at 30 degrees latitude.

\_horse latitudes\_

16. For ten points each, name the pope from a description of his actions.

✗ 1) In 1582, he declared that October 4th would be followed by the 15th and that years divisible by 400 would not be leap years, restoring the seasons to what they were in 325.

Answer: \_Gregory XIII\_

✗ 2) He excommunicated Martin Luther, thus precipitating the Protestant Reformation.

Answer: \_Leo X\_

✗ 3) He founded the Inquisition in 1233 and battled with Holy Roman Emperor Frederick II, eventually excommunicating him.

Answer: \_Innocent III\_

17. FTP each, name these characters from The Sound and the Fury.

✓ a. Originally named Maury, he is later renamed.

A: \_Benjy\_ Compson

✗ b. She has a child with Dalton Ames.

A: \_Caddy\_ Compson

✗ c. She's the mother of Benjy, Caddy, Jason and Quentin.

A: \_Caroline\_ Compson

18. FTP each, name these biblical figures.

1. Jacob's only named daughter

A: \_Dinah\_

2. He's selected as Moses' successor

A: \_Joshua\_

3. This man is David's father

A: \_Jesse\_

19. Identify these compositions written for special events FTP each.

a. This work of Berlioz was first played on the Tenth Anniversary of the July Revolution of 1830.

A: \_Funeral Symphony\_ or \_Symphonie funbre et triumpnale\_

b. This work was to be debuted as the opening of the Suez canal, but Verdi had not finished it by then.

A: \_Aida\_

c. Brahms composed this piece to thank the University of Breslau in 1879 for awarding him an honorary degree.

A: \_"Academic Festival Overture"\_



20. For ten points each, answer these questions relating to Supreme Court cases.

1) In April 1990, the Court ended the so-called "compelling reason" requirement regulating government interference with religious practices. The case is frequently called by a name that refers to this drug, whose use prompted the firing of two Native Americans working as drug counselors.

Answer: peyote

2) In one of its more liberal decisions during World War II, the Court decided in State Board of Education v. Barnette that no citizen could be forced to salute or pledge to the flag. The case arose when a schoolboy declared that this religion prevented him from taking an oath to anyone other than God.

Answer: Seventh-Day Adventist

3) In 1992, the Court decided that this city's ordinance banning any "symbol...which one knows or has reasonable grounds to know arouses anger, alarm, or resentment in others on the basis of race, color, creed, religion, or gender" was unconstitutional because it selectively regulated fighting words as determined by the Court's earlier Chaplinsky ruling.

Answer: St. Paul, Minnesota