

Philly Experiment IV: (Insert Title Here)

Round 5

Packet by: Jamie Brault's Team

1. For hundreds of years in the West Indies, they were named after the particular saints day on which they occurred. The first person to record names of Australian ones was Clement Wragge, who used biblical names like Sacar and Talmon. During WW II, they were named after women by the Army Meteorological Service. FTP name these weather events now named alphabetically with alternating male and female names.

Ans: Hurricanes

2. The great-grandson of Noah, grandson of Ham, and son of Cush, the Bible tells us that he was the "first on Earth to be a mighty man". He was also a King, and a mighty hunter. FTP, name this man, who shares his name with a futuristic villain faced by Marvel's X-men.

Ans: Nimrod

3. Major Henry forged much of the evidence used against this man. Col. Georges Picquart, chief of army intelligence, first discovered that Ferdinand Esterhazy was actually the guilty party. He was finally cleared in 1906 and proven innocent in 1930. FTP — name this man, publically defended by such people as Anatole France and Emile Zola.

Ans: Alfred Dreyfus

4. Born in Antwerp and brought to Haarlem as a child, his brilliant portraits include Malle Babbe, picturing a drunken old crone. His Banquet of the Officers of the Saint George Guard Company illustrates Baroque diagonals; whereas his Regentesses of the Old Men's Almshouse is almost entirely in shades of gray. FTP, name this painter, best known for The Laughing Cavalier.

Ans: Frans Hals

5. In the book, this character chooses "a big Amarone" as the wine for his most famous meal. The book also gives the details of his escape from authorities in Tennessee, in which he gives himself some rudimentary plastic surgery. In the movie, this fictional killer 14 chooses Chianti to go with fava beans and liver. FTP, name this prisoner who provides clues for Agent Clarice Starling, portrayed by Anthony Hopkins.

A. Dr. Hannibal Lecter

6. In 1844, the Frenchman Joseph Liouville finally proved their existence. They are, by definition, irrational numbers that would not serve as solutions to any of the infinite number of polynomial equations in any of the infinite number of degrees possible. FTP — name this category of numbers which includes two raised to the square root of 3 power, e, and pi.

Ans: Transcendental

7. This event led to a war in which the French Angevins fought with the papacy and the Italian Guelphs, and the Italian Ghibellines supported the Aragonese. It began as a revolt against the Angevin King Charles I of Naples-Sicily and 2000 French were subsequently massacred. FTP-- name this 1282 event which began on Easter Monday at Palermo in response to oppressive French policies.

Ans: Sicilian Vespers

8. He begins the play as Caius Marcius, but after winning a battle he earns the name that is also the play's title. His military genius speeds him through the ranks of Roman politics, but his arrogance forces him into exile, where he bitterly joins forces with his enemy, Tullus Aufidius. FTP, name this title character, based on a hero from early Roman history and the subject of the last of Shakespeare's tragedies.

Ans: Caius Marcius Coriolanus

9. The name of this movement was coined by Turgenev in Fathers and Sons. Among its precepts are that there can be no freedom and that civilization, property, marriage, morality, and justice should not exist. FTP name is this philosophical movement which took form in Russia in the 1850s and whose name was derived from the Latin for "nothing".

Ans: Nihilism

10. With Edward Steichen, he exposed Americans to the new movement of modernism in painting and sculpture at his Gallery 291. He also brought about the recognition of a new art form in his landmark quarterly Camera Work. FTP — name this photographer who also depicted over 400 photographs of his wife in his Portrait of O'Keefe.

Ans: Alfred Stieglitz

11. Deduced in 1834 by a Russian physicist, this law is important in the operation of electromagnetic generators. If you thrust a pole of a permanent bar magnet through a coil of wire, this law can be used to determine the direction of the electric current which is induced. FTP — name this law which states that an induced electric current opposes the change that induced it.

Ans: Lenz's Law

12. As Duke of Anjou, he defeated the Huguenots in the Wars of Religion. Elected king of Poland in 1573, he returned to France to assume the throne on the death of his brother Charles IX in 1574. He is most infamous for his instigation of the St. Bartholomew's Day Massacre with his mother Catherine De Medici. FTP -- name this last French king of the Valois dynasty.

Ans: Henry III

✓ 13. In the movie Jerry Maguire he was one of the clients Jerry loses to the agency that fired him, but based on his NFL performance with the Bengals, Jerry shouldn't lose much sleep. After missing the entire 1995 season with an injury, he was so ineffective in 1996 that the Bengals acquired Garrison Hearst to share time at running back. FTP, name this former Penn State star.

Ans: Ki-Jana _Carter_

✓ 14. This story tells of the love between Anne Elliot and Captain Wentworth, whom eight years earlier Anne had been persuaded not to marry. When Wentworth returns from the Napoleonic Wars with social acceptability with his naval rank, Anne's pretentious father now finds Wentworth a worthy suitor for his daughter. FTP -- this summarizes the plot of which Jane Austen novel.

Ans: _Persuasion_

✓ 15. This French physician and physicist worked on a method to measure the absolute velocity of light using mirrors, and by 1850 he showed that it is slower in water than in air. Credited with pointing out the occurrence of eddy currents, he also developed mirrors and lenses for telescopes and gyroscopes. FTP -- name this scientist who is most famous for deducing the rotation of the Earth using a pendulum.

Ans: Jean Bernard Leon _Foucault_

✓ 16. In 1876, he began a correspondence with Nadezhda von Meck, a wealthy widow who admired his music enough to financially support him. Among his works are six numbered symphonies as well as his Manfred Symphony of 1886. FTP — who was this composer of 1877's Francesca da Rimini, 1876's Slavonic March, 1880's Italian Capriccio, and the 1812 Overture?

Ans: Peter Ilich _Tchaikovsky_

✓ 17. In 1953, he published Markings, a book of poetry, prayers, and prose sayings. Quite a departure from a man who was once the youngest ever chairman of the Bank of Sweden and whose father was once Sweden's Prime Minister. FTP — who was this winner of the 1961 Nobel Peace Prize for his efforts to bring peace to the Congo and one-time Secretary-General of the UN?

Ans: Dag _Hammaraskjold_

✓ 18. China took control in 1720, but this country started relations with the British in 1772 which culminated in a 1910 treaty in which Britain agreed that to subsidize this country and manage its foreign affairs. Their king, Singhi Wangchuk, succeeded his father in 1972 and heads the country's monarchy. FTP -- name this country surrounded by the Himalayas whose highest peak is Kula Kangri and whose capital is Thimbu.

Ans: _Bhutan_

19. Technically, they are defined as millions of photosynthetic organs tangled in a lattice of ascomycete or basidiomycete. Most display one of four morphologies - leafy, encrusting, scaly, and erect and tufted. They are given genus and specific names, even though they are not single organisms. FTP — what are these symbiotic associations of algae and fungi?

Ans: Lichens

✓ 20. He was the son of either the god Ares or of Phlegyas, king of the Lapiths. He murdered his father-in-law and could find no one to purify him until Zeus did, whom he repayed by trying to seduce Hera. This attempt resulted in the birth of the Centaurs. FTP— who was this figure punished by Zeus by being bound to a fiery wheel which rolled unceasingly through the air?

Ans: Ixion

21. From 1788-93 he studied at Tübingen and in 1805 he taught at Jena. Director of the Gymnasium at Nurnberg until 1816, he was also a professor of Philosophy at Heidelberg where he garnered much fame for his metaphysical system that traced the self-realization of spirit by dialectical moments to perfection. FTP -- name this German philosopher whose famous works include Science of Logic and Phenomenology of Spirit.

Ans: George Wilhelm Friedrich Hegel

1. Name the following American novels from the clues provided, FTP each.

- 10: In this Edith Wharton novel, Undine Spragg is a young woman with social aspirations who convinces her parents to leave the midwest and settle in New York.

Ans: Custom of the Country

- 10: This Herman Melville work is subtitled the World in a Man-Of-War, this novel depicts life aboard the frigate Neversink and describes the tyrannies to which ship's officers subject ordinary seaman.

Ans: White-Jacket

- 10: This Henry James work is a story of Christopher Newman whose exemplary attributes are contrasted with a family of arrogant French aristocrats, the Bellegardes, whose daughter, Claire de Cintre, Newman yearns to marry.

Ans: The American

2. Name the following chemical laws described FTP each.

- 10: This law named for an Italian chemist states that equal volumes of all gases at the same temperature and pressure contain equal numbers of molecules.

Ans: Avogadro's Law

- 10: This law states that the amount of heat needed to change one substance to another depends on the substances and not the reactions involved.

Ans: Hess's Law

- 10: This law shows that when elements are arranged in order of increasing atomic weight there is a similarity between members that are eight elements apart.

Ans: Newland's Law or law of octaves

3. FTPE, identify the following mixed drinks from their contents.

- A. Gin, lemon juice, sugar, club soda

Ans: Tom Collins

- B. Bourbon, lemon juice, sugar, club soda

Ans: John Collins

- C. Tequila, orange juice, grenadine

Ans: Tequila Sunrise

4. Name the year in U.S. History given events, 30-20-10

- 30: United Mine Workers official, Joseph Yablonski, and his family were gunned down in their Pennsylvanian home. UMW chief Tony Boyle was convicted of the killing.

- 20: The first Earth Day occurred, in which millions of Americans participated in antipollution demonstrations.

- 10: 4 students were killed at Kent State University by National Guardsmen.

Ans: 1970

5. Mexico's PRI party is facing its most dismal test in more than seven decades, as the country had elections in the beginning of July. Violence, for a change, was reported in only one region, a southern Mexican state where a group of rebels destroyed 25 polling booths. For 10 points each, name this Mexican state, the group of rebels, and their charismatic leader.

Ans: Chiapas ✓
Zapatistas ✓
Subcommander Marcos ✓

6. Name the author from his works, 30-20-10-5

- ✗ 30: In the Zone, The Moon of the Caribees
✓ 20: The Long Voyage Home, Bound East for Cardiff
10: A Moon for the Misbegotten, The Great God Brown
5: The Hairy Ape
Ans: Eugene Oneil

7. For the stated number of points name the composer of each of the following works from varying centuries.

- ✓ 15. La Deploration sur la Mort D'Ockeghem, 1500. Ans: Josquin Desprez
✓ 5. The Hammerklavier Symphony, 1818. Ans: Ludwig van Beethoven
✓ 10. Pierrot Lunaire, 1912 Ans: Arnold Schoenberg

8. Name the following diseases, 5-10-15

- ✓ 5: Symptoms of this disease include tremors and stiffness and it is caused by the degeneration of the part of the brain that releases dopamine.
Ans: Parkinson's disease
✓ 10: Caused by the spirochete, Borrelia Burgdorferi, a bacterium carried by the deer tick, it can induce heart difficulties and arthritic symptoms.
Ans: Lyme disease
✓ 15: A condition marked by paleness and numbness in the extremities when they are exposed to the cold, it is caused by the contraction of blood vessels that feed the skin.
Ans: Raynaud's disease

9. Name these ministers of French kings named Louis FTP each.

- ✓ A. Known as the "Red Robe", he was the ruthless power behind Louis XIII.
Ans: Cardinal Richelieu
B. Louis XIV's Finance Minister for 20 years, he was one of the great practitioners of
✓ Merchantilism.
Ans: Colbert
C. Already 70 when he took office, this minister of Louis XV ran the state honestly,
✗ economically, and cautiously until his death at 90.
Ans: Cardinal Fleury

10. It derived its name from a painted collonade in Athens, and thus this school of philosophy was often called "The Porch". For 10 points each:

- ✗ A. Name this school founded around 308 BC.
Ans: Stoicism
✗ B. Give the full name of the founder of stoicism.
Ans: Zeno of Citium

~~X~~ C. Give the name of either of the two Greeks who continued Stoicism after the death of Zeno.

Ans: Cleanthes or Chrysippus

✓ 11. For 10 points each, given some characters, name the George Bernard Shaw play.

✓ A. Barbara Undershaft and her father.

Ans: Major Barbara

✓ B. Vivie and the title character

Ans: Mrs Warren's Profession

~~X~~ C. John Tanner and Ann Whitefield

Ans: Man and Superman

12. For 10 points each — name these hormones produced by the hypothalamus.

~~X~~ A. Also known as "antidiuretic hormone", it reduces the amount of water lost from the body in urine.

Ans: Vasopressin

✓ B. It helps regulate the birth process and milk production in females, and stimulates contraction of uterine muscles.

Ans: Oxytocin

~~X~~ C. It slows the secretion of growth hormone.

Ans: Somatostatin

13. Given a U.S. Senator, identify -- for 10 points each -- the other Senator representing that state.

~~X~~ A. Thad Cochran

Ans: Trent Lott

✓ B. Daniel Akaka

Ans: Daniel Inouye

~~X~~ C. Wayne Allard

Ans: Ben Nighthorse Campbell

14. Give the pope who was in office when each of the following occurred, ten points for each.

✓ a) First Vatican Council convened

Answer: PIUS IX

✓ b) Second Vatican Council convened

Answer: JOHN XXIII

~~X~~ c) Acre fell to Islam, ending Crusader era

Answer: BONIFACE VII

15. For 10 points each — identify the following books of the Apocrypha given a brief description.

~~X~~ A. The title character is a pious Jew exiled to Ninevah who observes the precepts of Hebrew law by giving alms and burying the dead. In spite of his good works, he is struck blind.

Ans: Tobit

✓ B. The title character cuts off the head of Holofernes in his sleep.

Ans: Judith

~~X~~ C. An addition to the book of Daniel, it tells how he refuses to worship a certain god, for which he is forced into the den of lions.

Ans: (The History of the Destruction of) Bell and the Dragon

16. Name the following Greek poets, FTPE.

A. Known for his odes to athletes and sport.

- ✓ Pindar
- ✓ B. Wrote "Works and Days" and "Theogony"
- ✓ Hesiod
- C. Lived with Sappho on Lesbos, wrote poems celebrating the aristocratic ifestyle.
- ✗ Alcaeus

17. Name the following archipelagos from a description, 10-10-10
- ✗ 10: Part of the U.S. trust territory of the Pacific islands since 1947, larger islands in this chain include Palau, Truk, and Yap.
Ans: Caroline islands
 - ✗ 10: Part of French Polynesia, this group of 12 islands includes Fatu Hiva and Nuku Hiva.
It is the scene of Herman Melville's novel, Typee.
Ans: Marquesas islands
 - ✓ 10: Discovered in 1568 by Alvaro de Mendana, this group of 7 volcanic islands is the site of the W II struggle between the U.S. and Japan at Guadalcanal.
Ans: Solomon islands

18. Identify this scientist on a 30-20-10 basis.
- ✗ 30: After proving nitrous oxide was not a principle of contagion by bravely inhaling it, he nearly lost his life by inhaling water gas, a mixture of hydrogen and carbon monoxide, in 1799.
 - ✓ 20: He was knighted in 1812, and a few years later he invented the miner's safety lamp.
 - ✓ 10: He discovered the elements sodium and potassium.
Ans: Sir Humphrey Davy

19. For 5 points each, and a five point bonus for all 5 correct, name the WNBA franchise given its city (or state).
- ✓ A. New York Liberty
 - ✓ B. Utah Starzz
 - ✓ C. Houston Comets

20. For 10 points each — tell what object or creature is represented by each of the following constellations.
- ✓ A. Sagitta Ans: Arrow
 - ✗ B. Corvus Ans: Crow
 - ✗ C. Pavo Ans: Peacock