

Philly Experiment IV: (Insert Title Here)

Round 2

Packet by: IQ:3

✓ 1. His invention of the pyrometer earned him commendation as a fellow of the Royal Society. This invention was invaluable for gauging the temperature of ovens, a crucial aspect in his scientific approach to pottery. For 10 points, name this 18th century Staffordshire designer whose wares appealed particularly to the rising European bourgeoisie class.

Ans. Josiah WEDGEWOOD

✓ 2. Published in 1928, it follows the title character through four centuries and both male and female incarnations. It was inspired by the author's visits to the country estate at Knole and by her friend Vita Sackville-West. FTP name this Virginia Woolf novel that shares its name with a city in central Florida.

Answer: ORLANDO

✓ 3. On his trip to Barbados with his half-brother Lawrence, he contracted smallpox, and it was his only journey beyond the present borders of the U.S. Although not a member of Virginia's committee of correspondence, he represented Virginia at the First Continental Congress, where he opposed independence but gave advice on military issues. FTP name this man who in 1775 became commander-in-chief of the Continental Army.

Answer: George WASHINGTON

✓ 4. Presenters at the 42nd annual ceremony in May 1997 included Fyvush Finkle and Marisa Tomei. Winners included Mary Louise Parker for her role in How I Learned To Drive and David Henry Hwang, for writing Golden Child. Created by the Village Voice to recognize off-Broadway theater, these awards are known, FTP, by what name derived from the words "Off-Broadway"?

Answer: OBIE Awards (or OBIEs)

✓ 5. It was intended for Emperor Charles V of Spain in 1539, but pirates seized the galley transporting it. It later turned up in Sicily in Paris in 1840, and it had by then acquired a coat of black enamel. This century, a fake of this title object turned up in San Francisco. FTP, name this priceless artifact given by the Knights Templar in appreciation for being granted an island and the title of a novel by Dashiell Hammett.

A: The MALTESE FALCON

6. Smilodon fatalis lived from just before the beginning of the Oligocene until its extinction at the end of the Pleistocene, or from 40 million to 10,000 years ago. Their name is derived from an enlarged part of their anatomy which reached 8 inches in length. FTP, give the common name of this carnivorous animal, which is ironically known for the size of its canines.

A: SABER-TOOTHED Tigers

7. Following the first movement of this symphony is the composer's rarely-obeyed instruction, "Here follows a pause of at least 5 minutes." Its five movements deal with the hero's death, a remembrance of his youth, and the loss and rediscovery of his faith. FTP identify this symphony, completed in 1895, in which the chorus in the last movement sings "Rise again, yes rise again you will, my dust, after brief repose!"

Answer: Gustav MAHLER'S SECOND symphony (or Mahler's RESURRECTION symphony)

8. In Japanese history, the term referred to a fief controlled by a daimyo during the Tokogawa period. In China, the same word also refers to the largest ethnic group, as well as to a dynasty characterized by territorial expansion, a renewal of the arts, and the introduction of Buddhism. For 10 points, name the 2nd great imperial Chinese dynasty, whose reign spanned from 206 B.C. - A.D. 220.

Ans. HAN

9. Built in 1963 to explore the ionosphere, it has furnished maps of the Moon, Mars, and Venus, detected ice in Mercury's polar regions, discovered planets outside the solar system, and garnered a Nobel Prize for confirming the existence of gravity waves. It is the largest of its kind, with a diameter of over a thousand feet and an area equal to that of 26 football fields. FTP, name this radiotelescope in Puerto Rico.

A: ARECIBO

10. He drew the illustrations, including "Pierrot Standing," for his 1920 play "The Marionettes," and he published a volume of poetry, "The Green Bough." He also worked on the scripts for the film versions of Chandler's "The Big Sleep" and Hemingway's "To Have and Have Not," but he's better known for his short stories and novels. FTP, who created the McCaslin, Snopes, and Compson families of Yoknapatawpha County?

Answer: William FAULKNER

✓ 11. He received his Ph.D. in Zoology at Harvard in 1920 and taught there before moving onto Indiana University. His early research in entomology focused on mating habits, but finding people more interesting, he focused the later portion of his career on human sex life. FTP, name this founder of the the Institute for Sex Research, who used over 10,000 interviews to write Sexual Behavior of the Human Male.

Answer: Alfred Charles KINSEY

✓ 12. The second battle of this name took place in 191 B.C. A post of 2000 Aetolians under Antiochus the Great of Syria was routed by almost 40,000 Romans under Glabrio. Nearly 3000 years earlier, however, an army of 700 Greeks held off the Persian army. FTP, name this pass which Leonidas miraculously defended, the name of which translates as "Hot Spring".

Ans: Thermopylae

✓ 13. It is a consequence of the First Law of Thermodynamics and need not be considered a separate thermodynamic law. In thermiochemistry, however, it retains its identity because of its importance as the basis for calculating heats of reactions. For 10 points, name the rule stating that the energy absorbed or evolved in any chemical reaction is a fixed quantity independent of the path of the reaction.

Ans. HESS'S LAW of Heat Summation

✓ 14. Rejecting metaphysics as logically meaningless, this school of thought developed out of 19th century Viennese empiricism. It was best-developed by the so-called Viennese Circle after World War I. FTP, what is this school of philosophy, often associated with the work of Ludwig von Wittgenstein.

Answer: LOGICAL POSTIVISM

✓ 15. According to legend, he died by jumping into the volcanic crater of Mount Etna. The 100 lines from his poem "Purifications" and the 400 lines from his poem "On Nature" are the most extensive surviving writings of any pre-Socratic philosopher. FTP name this philosopher from Sicily who maintained that all matter consists of earth, air, fire, and water.

Answer: EMPEDOCLES

✓ 16. On the title page of this 1969 book is the line "This is a novel somewhat in the telegraphic schizophrenic manner of tales of the planet Tralfamadore." The protagonist, while serving in WWII, becomes "unstuck in time" and he begins to preach the philosophy of the Tralfamadoreans, who respond to events with their catch-phrase "So it goes." FTP, name this Kurt Vonnegut work.

A: SLAUGHTERHOUSE FIVE

✓ 17. Thirty-five in college, sixty in National and Olympic Team competition, and seven in the pros. FTP, the Phoenix Mercury this month ended the 102-game winning streak of what New York Liberty basketball star, who in addition to winning an Olympic Gold Medal led her University of Connecticut squad to a national championship?

A: Rebecca LOBO

✓ 18. Compiled between the first and third centuries A.D., they are written in the form of Platonic dialogs. Works of revelation on philosophical, theological, and occult subjects, they contain the emerald tablet, a favorite reference for medieval alchemists. For 10 points, name these writings, attributed to the Egyptian god Thoth, who was known to the Greeks as Hermes Trismegistos.

Ans. HERMETIC Writings (Hermetica)

✓ 19. In 1187, he won a key victory at Hattin, and three months later he took Jerusalem. Noted for his chivalry in battle, this Sunni Muslim ended both the Fatimid rule in Egypt and the Latin Kingdom of Jersusalem. FTP, name this sultan and military leader, the founder of the Ayyubid dynasty and the man against whose armies the Third Crusade was launched.

Ans: Saladin

✓ 20. A Fable for Tomorrow, The Obligation to Endure, Elixirs of Death, Surface Waters and Underground Seas, Realms of the Soil, Earth's Green Mantle, Needless Havoc, and And No Birds Sing. These are the titles of the first chapters of this 1962 work which warned of the dangers of pesticides. FTP name this book by Rachel Carson.

A: SILENT SPRING

21. Seventeen months after hired him in what was seen as a last ditch attempt to save the company, this company has asked Gilbert Amelio to resign due to sluggish sales. He may have inadvertently brought about his own demise by acquiring Next Computer, which expanded the role of one of the company's original founders. FTP, name the computer co-founded by Stephen Jobs.

A: APPLE Computers

BONI

- ✓ 1. FTP each name the following officials in the Confederate States of America.
- A. This Georgian served as vice president of the Confederacy.
Answer: Alexander STEPHENS
- ✓ B. This 1860 Presidential candidate served as the Confederacy's Secretary of War in the final months of the Civil War.
Answer: John BRECKINRIDGE
- ✗ C. This lawyer was appointed attorney general in 1861, and secretary of state in 1862.
Answer: Judah BENJAMIN

- ✓ 2. 30-20-10 name the writer from the works.
- a. 30. Peter Camenzind (1904), Beneath the Wheel (1906)
b. 20. Getrud (1910), Demian (1919)
c. 10. Narcissus and Goldmund (1930), The Glass Bead Game or Magister Ludi (1943).
Ans. Hermann HESSE

3. The Bauhaus was a school of design, architecture, and applied arts. Answers these questions about it for ten points each.
- ✗ A. Name the architect who founded it in 1919.
Answer: Walter GROPIUS
- ✗ B. Name the architect who became director of the Bauhaus in 1930.
Answer: Ludwig MIES VAN DER ROHE
- ✗ C. Name either of the two cities where the Bauhaus was based between 1919-1932.
Answer: WEIMAR, DESSAU

4. Let the random variable X be uniformly distributed on the unit interval with endpoints at 0 and 1 (Note: 10 seconds for each part).
- 5 A. For 5 points each, find the mean and the second moment of X .
Answer: $\frac{1}{2}$ (or ONE-HALF or 0.5); $\frac{1}{3}$ (or ONE-THIRD)
- ✗ B. For 10 points, find the variance of X .
Answer: $\frac{1}{12}$ (or ONE-TWELFTH)
- ✗ C. Suppose that Y is independently and identically distributed as X . For 10 points, find the variance of X minus Y .
Answer: $\frac{1}{6}$ (or ONE-SIXTH)

5. For 5 points apiece, given the highest mountain on a continent, supply the name of the second highest peak.
- | | |
|----------------------|--------------------------|
| ✗ a. Mt. Kilimanjaro | Ans. Mt. KENYA |
| ✗ b. Mt. McKinley | Ans. Mt. LOGAN |
| ✗ c. Mt. Tyree | Ans. Mt. VINSON MASSIF |
| ✗ d. Mt. Blanc | Ans. DUFOURS PITZ |
| ✗ e. Mt. Everest | Ans. K2 or GODWIN AUSTEN |
| ✗ f. Mt. Aconcagua | Ans. Mt. OJOS DEL SALADO |

6. Given a work and a brief description, name the author, 30-20-10.
- 30-- The White Negro, a sympathetic study of a marginal social type - the "hipster."
- ✓ 20-- Harlot's Ghost, is a 1300-plus page novel about CIA intrigues that ends with the words "To Be Continued."
- 10-- Armies of the Night, is a narrative about the 1967 Peace March in Washington D.C., which won the author the first of his two Pulitzer Prizes.
A: Norman MAILER

7. Identify these governors of Plymouth Colony FTP each.

X A. He chartered the Mayflower and obtained financial backing for the Pilgrims. In 1620 he was elected the first governor of Plymouth.

Answer: John CARVER

✓ B. First elected in 1621, he served for 30 years and wrote History of Plymouth Plantation

Answer: William BRADFORD

X C. The father Edward was governor in 1633, 1636, and 1644. The son Josiah was the first native-born governor of Plymouth, serving 1673-1680. Give their shared surname.

Answer: WINSLOW

+ X 8. When the American Basketball Association folded in 1976, four ABA teams bought their way into the NBA. FTPE, name any 3 of these teams.

A: Indiana PACERS, San Antonio SPURS, New York NETS, Denver NUGGETS.

+ X 9. Answer these questions about groups of classical musicians for 10 points each.

A. Placido Domingo and Luciano Pavarotti are two of the Three Tenors. Who's that other guy?

Answer: Jose CARRERAS

X B. Composed of pianist Menahem Pressler, violinist Ida Kavafian, and cellist Peter Wiley, this trio is "in a class by itself," according to the New York Times. Name it.

Answer: The BEAUX ARTS Trio

X C. David Harrington, John Sherba, Hank Dutt, and Joan Jeanrenaud form what Grammy-winning quartet that specializes in 20th century music?

Answer: The KRONOS Quartet

10. For 5 points each, name these people involved in the recent transfer of Hong Kong.

X 1. The former Colonial Governor

Answer: Chris PATTEN

X 2. The new governor

Answer: TUNG Cheewha

X 3. China's current president

Answer: JIANG Zemin

X 4. China's Prime Minister

Answer: LI Peng

X 5. China's foreign minister

Answer: QIAN Qichen

X 6. British Foreign Secretary whose name is the same as a popular novelist

Answer: Robin COOK

11. Titian painted a lot of rape scenes. Based on the description, name the famous painting depicting a rape.

✓ 1. Taken by surprise, a woman -- arms and legs flying -- is carried away by a garlanded white bull.

Answer: The RAPE OF EUROPA

X 2. Also the subject of a famous poem by Shakespeare, this painting shows a violent attack from early Roman history. Against the green curtains and white sheets, the rose velvet breeches of the attacker stand out.

Answer: TARQUIN AND LUCRETIA

X 3. The nude heroine of this work lies upon her couch as Jupiter descends to her in the form of golden rain. Her amused companion attempts to catch the coins in her apron.

Answer: DANAE WITH NURSEMAID

12. In an unusual Father's Day promotion, the Class A Charleston River Dogs were offering all guests over 21 the chance to win a free medical procedure. First, for 10 points, what operation was this?

Ans. VASECTOMY

Public outcry put an end to Vasectomy Night. For 10 points, name the owner of the River Dogs, whose family has a history of unusual promotions.

Ans. Mike VEECK

- X For 10 points, name the ill-conceived promotion of Bill Veeck, which nearly caused a riot in Comiskey Park in 1979.

Ans. DISCO DEMOLITION Night

13. At least until Pathfinder, Mars has acquired a reputation as the Bermuda Triangle of space exploration, as the 3 other most recent Mars missions have all failed. FTPE, answer the following questions.

- X 1. The latest failure occurred last year when what Russian probe failed to clear the Earth's orbit and crashed back into the ocean?

A: MARS 96

2. In 1993, communications were lost with what billion-dollar American spacecraft?

C A: MARS OBSERVER

3. In the late 1980s contact was lost with both of these twin Soviet spacecraft, whose actual target was a body close to Mars. Give their common name.

X A: PHOBOS (I and II)

14. NATO recently decided to expand its membership. Answer these questions about this expansion.

- ✓ 1. FTP, all or nothing, what three countries were granted full membership.

A: POLAND, HUNGARY, and the CZECH Republic

- ✓ 2. Although France argued vociferously for their inclusion, two other countries were denied membership but were specifically targeted for fast-track reconsideration in 1999. For five points each, name them.

A: ROMANIA and SLOVENIA

- X 3. Finally, for five points each name the current NATO member that was the last to be admitted and the year in which it was admitted, within 2 years.

A: SPAIN, 1982 (Accept 1980-1984)

15. Name the following objects from Norse mythology FTP each.

- ✓ A. Thor's hammer

Answer: MJOLLNIR

- X B. Freya's necklace

Answer: BRISINGAMEN

- X C. Heimdall's horn

Answer: GJALLARHORN

16. Here is a bonus question concerning the 1974 Nobel Prize in economics.

- X For 10 points, name the liberal Swedish economist who was a co-winner of the award.

Ans. Gunnar MYRDAL

X For 10 points, in his book, The Negro Problem and Modern Democracy, Myrdal coined this term, to describe how poverty breeds poverty.

Ans. Theory of CUMULATIVE CAUSATION

- X For 10 points, ironically, Myrdal shared his Nobel Prize with this conservative Austrian-born British economist, who was a die-hard opponent of welfare economics.

Ans. Friedrich HAYEK

History III

17. The Mughal Dynasty ruled most of India for over two centuries. Answer these questions about if FTP Each.

- X a) What emperor founded this dynasty in 1526?

Ans. BABUR (acc. Babar, Baber, etc.)

- X b) Name the grandson of Babur responsible for the greatest expansion of this empire.

Ans. AKBAR

- X c) What 1857-58 event led to the exile of the last Mughal emperor?

Ans. SEPOY MUTINY or INDIAN MUTINY

18. Given the definition of a term from geology that starts with the letter P, name it FTPE.

1. The capacity for transmitting fluids.

A: PERMEABILITY

2. A dry lake bed in a desert basin.

A: PLAYA

3. Any body of intrusive igneous rock, regardless of shape or size.

A: PLUTON

19. Given the autobiographical work, name the author for 10 points each.

A. Across Spoon River

Answer: Edgar Lee MASTERS

B. My Several Worlds

Answer: Pearl BUCK

C. Grace Abounding to the Chief of Sinners

Answer: John BUNYAN

History IV

20. Answer the following questions about the Strategic Arms Limitation Talks, or SALT.

1. FFPE, what two world leaders were the principal signees of SALT I ?

A: Richard NIXON and Leonid BREZHNEV

2. For another five points each, what two world leaders were the principal signees of SALT II?

A: Jimmy CARTER and Leonid BREZHNEV

3. FFP, which U.S. President first suggested the talks?

A: Lyndon B. JOHNSON

4. Finally, FFP, continuing discussions have been given what name?

A: START (Strategic Arms Reduction Talks)

21. For five points each, and a 5 point bonus for all 5, arrange the following consecutive historical periods of Japan in chronological order. The periods are: Edo, Heisei, Meiji, Showa, and Taisho.

A: EDO, MEIJI, TAISHO, SHOWA, HEISEI