

Philly Experiment IV: (Insert Title Here)

Round 11

Packet by: Dumb, Dumber, Dumbest, and Dumbester

1. This metal has the highest specific heat of any solid element, and is commonly used in certain synthetic reactions in organic chemistry. It is also used for rechargeable batteries, and is the source of tritium in the H-Bomb. It is well documented as a pharmaceutical in the ionic form, used to control manic episodes. FTP, identify this lightest of the metals, atomic number 3.

Answer: LITHIUM

2. In "The Library Of Babel," he describes the universe as an infinite number of hexagonal galaxies. In "Pierre Menard, Author of the Quixote," he tells of a writer who set out to perfect Cervantes' Don Quixote, and succeeded only in duplicating it exactly. FTP, identify this Argentine writer of short stories and essays, perhaps best known for "The Garden of the Forking Paths."

Answer: Jorge Luis BORGES (bore-hays)

3. Beck Weathers had his arm amputated from severe frostbite he suffered there. Ngawang Topche, a Sherpa, died of cerebral edema. Yasuko Namba froze to death. Guides Scott Fischer and Rob Hall died while attempting to save the lives of their clients. Jon Krakauer survived and recorded these events, all of which occurred last year atop, for ten points, what mountain, whose 1996 death count was the highest ever?

Answer: Mt. EVEREST

4. Section 264 reads, "Once you know what the word stands for, you understand it and know its whole use." Section 7 states, "I shall also call the whole, consisting of language and the actions into which it is woven, the 'language game' ." Section 114 includes a quotation from the author's other major work, the Tractatus Logico-Philosophicus. FTP, identify this posthumously published collection by Ludwig Wittgenstein.

Answer: The Philosophical Investigations

5. Born in England in 1801, he emigrated to Steubenville, Ohio, where he was trained by an itinerant painter before studying for two years at the Pennsylvania Academy of the Fine Arts. A trip to Europe influenced his "Course of Empire" series, but it is for his paintings of nature that he is better known. Name for ten points, this man, creator of landscapes like "The Ox-Bow" and founder of the Hudson River school.

Answer: Thomas COLE

6. They are fatty compounds based on cholesterol, and because of their insolubility in water they are transported in the blood joined to proteins. One such compound, Digitalis, is often used to treat heart failure. General types include androgens and adrenal. FTP, name this type of hormone, another type of which is anabolic and whose abuse led to the death of Lyle Alzado.

Answer: steroids

7. Suppose I flip a fair coin until a head turns up on the  $n$ th flip. Then I will pay you  $2^n$  (read: 2 to the  $n$ ) cents. A simple probabilistic argument shows that the expected value of your winnings is infinite. Thus, you should be willing to pay any amount of money to play this game, although no one in their right mind would. For 10 points, identify this mathematical conundrum named for the Russian city where it was first postulated.

Answer: ST. PETERSBURG PARADOX

8. The daughter of Issus and Clymene, she bore a son named Parthenopaeus. She took part in the Caledonian Boar hunt, and she was the first to wound the boar. She and her husband offended the gods by having sex in a temple, and for this sin both were turned into lions. FTP, name this fleet-footed huntress whom Hippomenes beat in a foot-race only by distracting her by tossing golden apples.

Answer: ATALANTA

9. This Ohio State Graduate was a reporter for the Evening Post and a columnist and cartoonist for the New Yorker. He left the magazine in 1933, and his failing eyesight soon forced him to stop drawing altogether. For ten points, identify this man, whose fear of women and lack of self confidence allowed him to gain fame with My Life and Hard Times, The Male Animal, and the Secret Life of Walter Mitty.

Answer: James Grover THURBER

10. Born in Rio de la Plata in 1778, he was sent as a boy to Spain for education as a soldier. After attaining the rank of lieutenant colonel he fled to England, where thoughts of liberating his homeland were nurtured through contact with Francisco Miranda. Name, for ten points, this man who helped liberate Argentina and served as head of Peru before exiling himself to Europe.

Answer: Jose de SAN MARTIN

11. A new biography asserts that he was born August 4, 1901, not July 4, 1900, as he claimed. Still, this musician ranks as one of the finest America has ever produced, as witnessed by the recent clamor surrounding the discovery of eight of his compositions. For ten points, name this trumpeter who started playing in King Oliver's Creole Jazz Band and didn't stop until he left this "Wonderful World".

Answer: Louis ARMSTRONG

12. Born in 1934, in 1952 this athlete finished third in the AP poll for woman of the year, behind only Queen Elizabeth II and Mamie Eisenhower. Not bad for an athlete who won three U.S. and three Wimbledon titles between 1951 and 1954, the year a horseback-riding accident ended her playing career. Name, for ten points, this tennis star who in 1953 won the Grand Slam.

Answer: Maureen CONNOLLY

13. Born in 1807, late in his literary career he published what was intended to be his masterpiece, Christus: A Mystery. A master of a dozen languages, among his most successful translations was Dante's "Divine Comedy". His Tales of a Wayside Inn is modeled after The Canterbury Tales. FTP, name this poet most famous for works such as The Courtship of Miles Standish.

Answer: Henry Wadsworth LONGFELLOW

14. Late in his career, he wrote his Freedom of Will, and in 1757 he became president of the College of New Jersey, but he died of small pox shortly thereafter. He had previously occupied the pulpit at the Congregational church of Northampton, Massachussetts, where he published many of his sermons, including his most famous. FTP, name this Great Awakener and author of Sinners in the Hands of an Angry God.

Answer: Jonathan EDWARDS

15. It can be described by either a Dewar structure or a Kekule (kek-you-lay) structure. Although it is a known carcinogen, its usefulness as an organic solvent leads to its continued use in laboratories and industrial processing applications. Attached to a larger molecule as a functional group, it is known as a phenol. For ten points, identify this simple aromatic compound with formula C<sub>6</sub>H<sub>6</sub>.

Answer: BENZENE

16. This 1948 novel traces the search of a pastor from Natal for his son, who has left their rural home. Venturing into the abyss of Johannesburg, the Reverend Stephen Kumalo discovers that his son, Absalom, has killed a leading white anti-apartheid advocate. FTP, name this novel recently made into a film starring James Earl Jones, written by Alan Paton.

Answer: \_CRY, THE BELOVED COUNTRY\_

17. This landscapist conducted a systematic study of cloud formations from 1821-22, and his earliest oil sketches reflected this interest in the fugitive aspects of nature. His greatest work shows the River Stour with its trees, a mill, distant fields, some slimy posts, and the title object with its driver. FTP, name this English painter of such works as \_Stoke-by-Nayland\_ and his masterpiece, \_The Hay Wain\_.

Answer: John \_Constable\_

18. This country's name was derived from a tribe living in eastern Cyrenaica in the 2nd Millennium BC. It was conquered by the Romans in the 1st century and became part of the Africa Nova Province. It later was conquered by the Byzantine Empire, the Berbers, the Ottoman Empire, and the Italians before becoming an independent state in 1951. For 10 points, identify this country, led since 1969 by Muammar al- Qaddafi.

Answer: LIBYA

19. Some have suggested that this flamboyant Silicon Valley billionaire is suffers from an acute case of "Gates Envy." As the chairman and CEO of database software developer Oracle Corp, he recently organized a group to acquire Apple Computer in a hostile takeover. FTP, name this long-time Silicon Valley prophet of technology, who recently donated \$100 million to help put his own NetPCs in schools across America.

Answer: Larry ELLISON

20. The second began in 1856 when the Chinese boarded the British ship \_Arrow\_, but it ended quickly when Britain and France forced the Chinese to agree to the Treaty of Tianjin. Conflict continued until 1860, however, when the Conventions of Beijing granted further concessions. FTP, name this war, which shares its name with an earlier war which ended with the ceding of Hong Kong and the Treaty of Nanking.

Answer: \_Opium Wars\_

21. In 1970, he narrowly lost the election for Pitkin County Sheriff running on the Freak Power Ticket. His most recent work is \_The Proud Highway: Letters from a Desperate Southern Gentleman\_, and he has also authored such works as \_Better than Sex\_ and \_Fear and Loathing in Las Vegas\_. FTP, name this founder of Gonzo Journalism famous for spending a year amongst them to write his book \_Hell's Angels\_.

Answer: Hunter S. THOMPSON

1. Identify the play for 15 from a list of characters, for 10 from a plot description, or for 5 if you need the author.

15) Characters: Orgon, Elmire, Damis (dah-MEE)

10) The title character is a scoundrel who almost destroys Orgon's family while pretending to minister to their spiritual needs.

5) Playwright: Moliere

Answer: Le TARTUFFE

15) Characters: Face, Subtle, Sir Epicure Mammon

10) The title character, Subtle, aids Face by concocting a steady stream of false charms and services which Face dispenses to a bunch of suckers.

5) Playwright: Ben Jonson

Answer: The ALCHEMIST

2. The recent recording success of a new wave of female singers led to the creation of a tour devoted exclusively to women performers.

1) For ten points, what is this tour called?

Answer: LILITH FAIR

2) For another ten points, the tour was organized by what Canadian-born singer?

Answer: Sarah McLACHLAN

3) The proceeds from the first concert of the tour went to a local charity that fights domestic abuse. For ten points, what female singer, not a part of the Lilith Fair, had a hit song which described an abusive relationship she had with a professional hockey player.

Answer: Alanis MORRISETTE (the song was You Oughta Know)

3. For five points per answer, identify the English Romantic poet who penned the following lines, and the work in which they are found.

1. There she sees a damsel bright / Drest in a silken robe of white / That shadowy in the moonlight shone / the neck that made that white robe wan

Answer: Samuel Taylor COLERIDGE, CHRISTABEL

2. My days are in the yellow leaf / The flowers and fruits of love are gone / The worm, the canker and the grief / Are mine alone

Answer: George Gordon, Lord BYRON, ON THIS DAY I COMPLETE MY THIRTY-SIXTH YEAR

3. Thou was not born for death, immortal Bird / No hungry generations tread thee down

Answer: John KEATS, ODE TO A NIGHTINGALE

4. Answer the following questions about the Pan African Congress FTPE

1) This American from Great Barrington, Massachusetts was a leader of the first Pan African Conference in London in 1900.

Answer: W. E. B. DUBOIS

2) W. E. B. Dubois chaired the 5th Pan African Congress in Manchester in 1945, but what representative from Kenya was the primary organizer of the event?

Answer: Jomo KENYATTA

3) For a final ten points, identify the future leader of the Ghanaian independence movement who also helped organize the 1945 Congress.

Answer: Kwame NKRUMAH

5. (Moderator: Pass out attached computer code to team.)

Answer the following questions about the computer program for the stated number of points.

1) For ten points, in what language is the code written?

Answer: C (Accept C++)

2) For twenty points, if a positive integer is given on the command line when the program is executed, what will be the output?

Answer: The integer will be converted to binary (base 2).  
(Accept equivalents)

6. It's the end of the world as we know it, and Fenris is hungry. Answer the following questions about Ragnarok, the twilight of the Gods in Norse mythology for the stated number of points.

5) This red bearded God with eyes of lightning will slay Jormungandr, the Midgard serpent.

Answer: THOR

10) This father of Fenris will be the helmsman of a ship that carries the dead away from Helheim.

Answer: LOKI

15) This God of silence and revenge will slay Fenris with his bare hands, avenging his father's death.

Answer: VIDAR

7. Let's test your knowledge of current events in Albania. FTP each.

A. Who is the current president of Albania?

Answer: Sali BERISHA

B. Chaos has reigned since protests over the failure of what controversial investment scheme escalated into armed rebellion earlier this year?

Answer: PYRAMID SCHEMES

C. In a recent referendum, voters rejected Leka Zogu for what position?

Answer: KING

8. It's so damn hot here in Nashville right now, I feel like I'm in the desert. So, answer these questions about plantlife in the desert FTP each.

a) Most plants utilize the C3 cycle for photosynthesis. To conserve water, some desert plants have evolved this alternative cycle which requires carbon dioxide fixing twice, but only a limited amount of water.

\_C4 Cycle\_

b) This term describes desert plants who avoid the heat by avoiding it altogether. They go dormant, and then only sprout during periods of rainfall.

\_ephemerals\_

Use at  
bed



c) This is the term for perennials which are not woody but have a distinctive fleshy appearance because of their water-storing facility. The term also is commonly used to describe delicious-looking fruits or steaks.

\_succulents\_

9. FTP each, identify the drink from the ingredients:

1. 8 medium sized mint leaves, 1 tbsp. sugar syrup, 1 ounce bourbon, Tsp. ngostura bitters.

Answer: MINT JULEP

2. 1.5 ounces green Creme de Menthe, 1 ounce Creme de Cacao, 1 ounce cream

Answer: GRASSHOPPER

3. 1 ounce scotch, 1 ounce sweet vermouth

Answer: ROB ROY

10. FTP each, name the play by Aristophanes given a plot synopsis.

1. Depicts the seizure of the Acropolis and of the treasury of Athens by the City's women, who then declare a sex strike until the declaration of peace.

Answer: LYSISTRATA

2. Philoclean's passion for litigation is cured by his son. Philoclean then goes on to become a boastful and uproarious drunkard.

Answer: WASPS (ACCEPT: Sphekes)

3. Dicaeopolis seeks peace with the Spartans. The Athenian Lamachus tries to stop him, but is ultimately unsuccessful.

Answer: The ACHARNIANS (ACCEPT: Archeneis)

11. Prior to the Civil War, the U.S formulated an important document recommending that the U.S. attempt to acquire Cuba. Answer these questions about the Ostend Manifesto for the stated number of points.

a) For ten if exact, and for 5 if within 1, in what year was the Ostend Manifesto released?

\_1854\_ (5 for 1853 or 1855)

b) FTP, what future U.S. President helped create the manifesto?

James \_Buchanan\_

c) FTP, name the U.S. Minister to Spain who started the whole affair by issuing an ultimatum demanding damages for the sinking of a U.S. merchant vessel.

Pierre \_Soule\_

12. Name the playwright from the plays on a 10-5 basis.

1) For 10: The Last Night of Ballyhoo

For 5: Driving Miss Daisy

Answer: Alfred UHRY

2) For 10: The Sandscape

For 5: The Zoo Story

Answer: Edward ALBEE

3) For 10: Ma Rainey's Black Bottom

For 5: The Piano Lesson

Answer: August WILSON

13. Name the composer from works on a 10-5 basis.

1) In Central Asia

5) Polovtsian Dances

Answer: Aleksandr BORODIN

2) Norfolk Rhapsodies, The Lark Ascending

5) Symphonia Antarctica

Answer: Ralph VAUGHN WILLIAMS

3) Indri, Beni Mora

5) The Planets

Answer: Gustav HOLST

14. Moments after winning its first ever national basketball title, Arizona became the favorite to win next seasons tournament. If they did so, they would become only the seventh team to repeat as national champions. For five points each, name the six teams to cut down the nets in back-to-back years.

Answers: OKLAHOMA A & M (ACCEPT: OKLAHOMA STATE)

KENTUCKY

SAN FRANCISCO

CINCINNATI

UCLA

DUKE

15. If YOU can identify these terms from biology, YOU will know that YOU know what YOU are doing. Ten points each.

1. Substitutes for Thymine in RNA      Answer: URACIL

2. A hoofed mammal      Answer: UNGULATE

3. Formula  $\text{NH}_2 \text{ CO NH}_2$ , found in urine      Answer: UREA

16. Norse mythology, German opera? Of course! First, five points apiece give the German titles of the four operas in Wagner's ring cycle.

Answers: SIEGFRIED, DIE GOTTERDAMMERUNG, DIE WALKURE, DAS RHEINGOLD

Second, for five points each, which two gods, a man and a woman, figure most prominently in the cycle?

Answers: SIEGFRIED and BRUNHILDE

17. A popular bonus format is, "Dead, Canadian, Both, or Neither?" Unfortunately, the topic of this bonus is philosophers, and there is an unfortunate but considerable lack of notable Canadian philosophers. So instead, the question is, Dead, German, Both, or Neither? Five points each:

1. Ludwig Wittgenstein      Answer: Dead

2. Martin Heidegger      Answer: Both

3. Jean-Francois Lyotard      Answer: Neither



4. Michel Foucault                      Answer: Dead  
5. Jurgen Habermas                      Answer: German  
6. Gottfried Wilhelm von Leibniz      Answer: Both

18. Given dates and a country, tell me the dictator. Five each and five for all correct.

- a) 1954-1989, Paraguay                      Answer: Alfredo STROESSNER  
b) 1932-1968, Portugal                      Answer: Antonio de Oliveira

SALAZAR

- c) 1976-1993, Madagascar                      Answer: Didier RATSINAKA  
d) 1974-1979, Nicaragua                      Answer: Anastasio SOMOZA  
e) 1954-1989, Bulgaria                      Answer: Todor ZHIVKOV

19. After seven decades of uncontested political supremacy the ruling party in Mexico is in trouble. Answer these questions about Mexican politics for ten points each.

1) First, what party has ruled Mexico since 1929.

Answer: INSTITUTIONAL REVOLUTIONARY PARTY or PRI

2) Second, what opposition leader recently won election as mayor of Mexico City.

Answer: Cuauhtemoc CARDENAS Solorzano

3) Third, what party does Cardenas lead.

Answer: PARTY of the DEMOCRATIC REVOLUTION or PRD

20. Identify the following laws from optics for ten points each:

1. Given the indices of refraction for two materials, and an incident angle, this law gives the angle of refraction.

Answer: SNELL's Law

2. This law is used to calculate path length differences in x-ray diffraction.

Answer: BRAGG's Law

3. Given the indices of refraction for two materials, this law gives the angle at which the reflected light is polarized.

Answer: BREWSTER's Law.