

Philly Experiment IV: (Insert Title Here)

Round 7

Packet by: Maryland B

- ✓ 1. The title character falls in love with Hetty Sorrel, a superficial girl who herself loves Arthur Donnithorne. After Arthur seduces and then abandons her, she agrees to marry the title character, but the wedding is called off when she discovers that she is pregnant. FTP, identify this 1859 work, in which Hetty murders her own son, the first published novel of George Eliot.

Answer: Adam Bede

- ✓ 2. Her first marriage was annuled, her second husband was murdered, and her third marriage was a political match with Alfonso I. Born in 1480, the story of her son Gennaro, who turned against her, though untrue, was made into a play by Victor Hugo and an opera by Donizetti. FTP, name this daughter of Pope Alexander VI, alleged to have committed murder and incest with her brother Cesare.

Answer: Lucretia Borgia

- ✓ 3. Gallinago gallinago, close relative of the Woodcock, is a stocky, short-legged bird with a long bill which generally feeds around muddy ponds and fields. They winter over most of the Southern U.S., and, ironically, many states actually have a hunting season for them. FTP, name this brownish shorebird, not quite the fictional beast that you may have been left in the woods "holding the bag" and trying to catch.

Answer: Common Snipe

- ✓ 4. It was not performed publicly until 1865, thirty seven years after the composer's death. In order to make the composer's election to the musical club of Linz and Graz official, he submitted this work, even though he had only completed two movements. FTP, identify this symphony in B minor which was never finished by its composer, Franz Schubert.

Answer: Schubert's Eighth Symphony (accept Schubert's Unfinished Symphony or Symphony in B Minor before they appear in the question)

- ✓ 5. In his big league debut in 1976, he struck out the first three batters he faced, earning a for the Baltimore Orioles. In his last win, on April 14, he beat the Cleveland Indians. In between, he won 241 games for the Orioles, Expos, and Mariners. FTP, name this recently retired right hander, the second oldest major leager to pitch a perfect game, and the first Nicaraguan to play in the major leagues.

Answer: Dennis Martinez

✓ 6. Nina Zarechnaya is attracted to Trigorin, a famous writer who was a lover of the main character's mother. After an attempted suicide, Nina and Trigorin leave; two years later, she returns, and Trepliov finally commits suicide. FTP, identify this four-act play, which established Chekhov as a dramatist and which is famed for the symbolism of its title bird.

Answer: The Sea Gull

✓ 7. His experiences commanding a Spanish ship in the West Indies won him a patent of nobility from Henry IV. In 1629, he was captured by the British, and spent four years in exile writing his memoir before returning to govern New France. FTP, name this explorer, who sailed the Saint Lawrence and settled Nova Scotia and Quebec, founding the first permanent French colony in the New World.

Answer: Samuel de Champlain

✓ 8. This effect was discovered in 1834 using bismuth and copper, when it was observed that the temperature would rise if the current flowed from bismuth to copper, but it would fall when the current was reversed. FTP, identify this effect, used in refrigeration, which is the change in temperature produced at a junction of two dissimilar metals or semiconductors in the presence of an electric current.

Answer: the Peltier effect

✓ 9. After becoming president of the American Economic Association in 1972, he published Economics and the Public Purpose, which argued that business and government must become more separate. In American Capitalism, he proposed the concept of countervailing forces. FTP, name this Canadian, best known for his contrast between private wealth and public squalor in 1958's The Affluent Society.

Answer: John Kenneth Galbraith

✓ 10. Her non-fiction includes two autobiographies, My Several Worlds and A Bridge for Passing, in addition to a study of her parents, The Spirit and the Flesh. She is better known for her novels, written under her first married name and under the pseudonym John Sedges. FTP, name this American writer whose Sons and A House Divided succeeded her 1932 Pulitzer Prize winner, The Good Earth.

Answer: Pearl Buck

✓ 11. Although he was suspended a year for misconduct, he graduated from West Point in 1853. When the Civil War broke out, he quickly made brigadier general after his victory at Booneville, Missouri. FTP, name this Union officer who commanded the Army of the Potomac and the Army of the Shenandoah, famed for his charge over Missionary Ridge at Chattanooga.

Answer: Phil Sheridan

✓ 12. Born in Mantua, he served the Gonzagas before going to Urbino and the service of Guidobaldo da Montefeltro. In 1506, he traveled to England to pick up his master's Order of the Garter, and died while visiting Spain as a papal envoy in 1529. FTP, name this diplomat and writer, a friend of Raphael whose chief work, finished in 1518, describes through a series of dialogues the conception of the perfect courtier.

Answer: Baldassare Castiglione

✓ 13. Born in 1910, he was a spy for the Allies during World War II, even though his brother Philippe worked as the editor of a pro-Nazi newspaper in Paris. He earned Academy Awards for World Without Sun, The Silent World, and The Red Fish. FTP, name this recently deceased Frenchman best known for inventing scuba gear and sailing around on the Calypso.

Answer: Jacques Cousteau

✓ 14. He was appointed supervisor of Florence Cathedral in 1334, where he began work on the Campanile. Earlier, he had decorated four chapels in Santa Croce, of which the Life of Saint Francis and Lives of Saint John Baptist and Evangelist survive. FTP, name this painter of Dormition of the Virgin and the Ognissanti Madonna, regarded, with Cimabue, as one of the founders of modern painting.

Answer: Giotto

✓ 15. He was ridiculed after provoking a feud with the satiric weekly The Corsair, and his death in 1855 went virtually unnoticed. After seven years studying theology, he broke off his engagement to Regine Olsen to write, producing such works as Repetition and Concluding Unscientific Postscript. FTP, identify this early existentialist and Danish philosopher, the author of Fear and Trembling and The Sickness Unto Death.

Answer: Soren Kierkegaard

✓ 16. It consists of ninety percent water and ten percent dissolved salts and proteins. Some of its important proteins include albumin, fibrinogen, and globulin. When deprived of various clotting factors, it forms a watery liquid known as serum. FTP, name this pale yellow fluid which accounts for over half of the volume of your blood.

plasma

17. He married Hermione, daughter of Helen and Menelaus, and was killed by Orestes at Delphi after returning home. His name came from the fact that he arrived late to the siege

✓ of Troy, although he was also called Pyrrhus because of his blond hair. FTP, name this Greek hero, the youth who killed Priam, who was himself the son of Achilles.

Answer: Neoptolemus (accept Pyrrhus before it is given)

✓ 18. He studied art under Theodore Kaufman and became a draftsman for Frank Leslie's Illustrated Weekly at 15. After covering Garibaldi for the London News, he joined Harper's Weekly, producing notable war drawings like Emancipation and Compromise with the South. FTP, name this artist, whose Let Us Prey, Tiger Loose, and similar cartoons helped to expose the Tweed Ring.

Answer: Thomas Nast

✓ 19. Used in special steels and to increase strength in welded joints, alloys of it and zirconium are also used in superconductors. Discovered by Charles Hatchett in 1801, it was first isolated by Blomstrand in 1864. Formerly known as columbium, it is ductile, grey-blue metallic transition element. FTP, name this element with atomic number 41, named after a boastful woman from Greek mythology.

Answer: niobium

✓ 20. While working as Robert Livingston's law partner, he penned the Address to the People of Great Britain, and later wrote the New York state constitution. Among his various posts after the Revolutionary War were minister to Spain, secretary of foreign affairs, and peace commissioner to Britain. FTP, name this man, the author of five of the Federalist Papers and the first chief justice of the Supreme Court.

Answer: John Jay

21. It cost \$405.90 when it was made by Mary Young Pickersgill, a Baltimore widow, and her 13 year old daughter Caroline in August of 1814. Before it was purchased by the Smithsonian in 1907, eight feet of it were removed, and someone attached a red "V" to it. FTP, identify this object, seen from a boat nine miles away in the Patapsco River on the morning of September 14, 1814, inspiring Francis Scott Key to write a poem about it.

Answer: the Star Spangled Banner (prompt on American flag)

22. Trained in Munich, he went to Italy in 1901, after which he began working as an etcher. A well known teacher at Dusseldorf, Weimar, and Dessau, his Pedagogical Sketchbooks became standard reading in art schools. FTP, name this Blaue Reiter (BLAU rye-TER) artist, who taught at the Bauhaus before returning to Switzerland, best known for his Twittering Machine.

Answer: Paul Klee

Maryland B Bonuses

1. Answer the following concerning Fidelio for ten points each.

✓ 1. 10 points: Who composed the music?

Answer: Ludwig van Beethoven

2. 10 points: The central character of Fidelio is this Spanish nobleman who is unjustly imprisoned.

✗ Answer: Florestan

✓ 3. 10 points: This woman, Florestan's wife, disguises herself as a man and becomes an assistant jailer in his prison. Beethoven wrote three overtures with her name as the title.

Answer: Leonore

2. FTP each name these orders of mammals given some animals within them.

✗ 1. dolphins and whales

artiodactyla

✓ 2. puppies, pandas, and kitty cats

carnivora

✓ 3. bats

chiroptera

3. Identify the Elizabethan playwrights who wrote the following works on a 10-5 basis.

✗ 1. 10 points: The Wise Woman of Hogsden and Love's Mistress

5 points: A Woman Killed With Kindness

Answer: Thomas Heywood

2. 10 points: The Magnetic Lady and The Staple of News

✓ 5 points: Every Man In His Humour

Answer: Ben Jonson

✓ 3. 10 points: The Broken Heart and Perkin Warbeck

✓ 5 points: 'Tis Pity She's A Whore

Answer: John Ford

4. Identify the following world revolutions FTP each.

✓ 1. Around 20,000,000 people died in this rebellion against the Ch'ing dynasty, which lasted from 1850 to 1864.

Answer: the Taiping rebellion

✗ 2. In 1637, Roman Catholic peasants in Japan revolted, but were put down by an army of over 100,000.

Answer: the Shimabara rebellion

✗ 3. A Taoist faith healer led this rebellion against the Han dynasty, which lasted from 184 to 204.

Answer: the Yellow Turban rebellion

5. Identify the following anthropologists FTP each.

1. 10 points: This functionalist is best known for works like Argonauts of the Western Pacific and Coral Gardens and Their Magic.

1
X Answer: Bronislaw Malinowski

✓ 2. 10 points: Her 1935 work, Sex and Temperament, looked at the differing social expectations of men and women in three cultures.

Answer: Margaret Mead

X 3. 10 points: This British anthropologist is best known for Structure and Function in Primitive Society, a 1952 work that described his theory of structural functionalism.

Answer: Arnold Reginald Radcliffe-Brown

6. Identify these British treaties of the twentieth century, for the stated number of points.

X 10) This 1902 treaty ended the Boer War.

Answer: the Peace of Vereeniging

X 5) This 1963 treaty between the USSR, Great Britain, and the US prohibited nuclear weapons testing anywhere except underground.

Nuclear Test-Ban Treaty

X 15) This 1925 agreement between Great Britain, France, Belgium, Italy, and Germany guarantees peace and normalizes relations in Europe after WWI.

Answer: Locarno Pact

7. Answer the following questions about early hominids for the stated number of points.

X 1. 5 points: In 1894, the first remains of this early human ancestor were discovered in Java by Marie Dubois.

Answer: Homo erectus

X 2. 10 points: Discovered in 1974 by a team led by Don Johnson (no, not THAT Don Johnson), remains of this species, which lived between five and a half and three and a half million years ago, were nicknamed "Lucy."

Answer: Australopithecus afarensis

X 3. 15 points: In 1967 in northern Africa, Elwyn Simons discovered the thirty million year old skull of this primate, the oldest known hominid.

Answer: Aegyptopithecus

8. Identify the following works by Ovid, for the stated number of points.

✓ 1. 5 points: Ovid's greatest work is this epic in 15 books, which ends with the apotheosis of Julius Caesar.

Answer: the Metamorphoses

X 2. 10 points: This is a collection of love letters written between such mythological figures as Hero and Leander and Paris and Helen.

Answer: the Heroides

X 3. 15 points: The poems that Ovid wrote after being exiled to Tomi were published in two collections. Name either.

Answer: Tristia (or Songs of Sadness) or Epistulae ex Ponto (or Letters from the Black Sea)

X 9. Identify the following figures from the history of the abolition movement, FTP each.

X 1. He founded the American Antislavery Society in 1833.

Answer: William Lloyd Garrison

✓ 2. In 1837, this reverend was killed when proslavery rioters wrecked his Illinois printing office.

Answer: Elijah Lovejoy

X 3. This founder of the Underground Railroad was arrested in 1844, and died in a Maryland prison two years later.

Answer: Charles Torrey

10. Identify the fifteenth century painters on a 10-5 basis.

✓ 1. 10 points: Madonna of the Pomegranate

5 points: Primavera

Answer: Sandro Botticelli

X 2. 10 points: The Madonna of the Caves

5 points: Dead Christ

Answer: Andrea Mantegna

✓ 3. 10 points: Madonna of Chancellor Rolin

5 points: The Arnolfini Wedding

Answer: Jan Van Eyck

11. Identify the following world leaders, all of whom were "in the news" on July 3, 1997, FTP each.

✓ 1. This Albanian president said that he would resign after a leftist government took power.

Answer: Sali Berisha

✓ 2. This president of the Ukraine accepted the resignation of Pavlo Lazarenko, the country's prime minister.

Answer: Leonid Kuchma

X 3. This military ruler of Nigeria announced that a presidential election returning Nigeria to civilian rule would be held on August 1, 1998.

Answer: Sani Abacha

12. Answer the following questions concerning a Jewish mystical movement for the stated number of points.

X 1. 5 points: This movement, which arose in France and Spain in the thirteenth century, believes that every word in the Bible can reveal hidden mysteries if properly interpreted.

Answer: cabala

X 2. 10 points: Moses de Leon compiled this, the most important cabalistic text, around the year 1300.

Answer: the Zohar

X 3. 15 points: This cabalist proclaimed himself to be the messiah in 1648, but was captured in Constantinople in 1666 and converted to Islam to escape execution.

Answer: Sabbatai Zevi

X 13. Given an Arena football city, give their mascot FTP each.

1. Orlando

Predators

- ✓ 2. Arizona
Rattlers
- ✓ 3. Nashville
Kats

14. Identify these theories and discoveries in the field of astronomy.

✓ 1. Gravity can bend light, and massive bodies bend the light of nearby objects, making such images appeared shifted or broken up. Name this effect.

gravitational lensing

✓ 2. Astronomers believe that there is more mass than has been observed, and they have given this missing mass this term.

dark matter

✓ 3. These theoretical objects connect two universes across the event horizon. A well-known fictional one leads to the Gamma quadrant.

wormhole

15. Identify the following ancient Mesopotamian rulers FTP each.

1. Around 2340 B.C., this ruler of Akkad conquered Sumer to create the first unified Mesopotamian kingdom.

Answer: Sargon

2. He defeated the Egyptians at the Battle of Carchemish, and went on to Jerusalem, where he destroyed the First Temple.

Answer: _Nebuchadnezzar II_

3. The Assyrian Empire reached its height during the reign of this successor to Esarhaddon, who ruled from around 668 to 627 B.C.

Answer: _Assurbanipal_

16. Identify the poems by John Keats FTP each.

1. In this 1819 work, Porphyro visits Madeline on the titular day, and they flee her father's castle together.

Answer: the _Eve of St. Agnes_

2. This poem, which shows the destructive side of the idyllic love in _Eve of St. Agnes_, describes the encounter between a knight and a mysterious elfin beauty who ultimately abandons him.

Answer: _La Belle Dame Sans Merci_

3. The subject of this 1818 allegory was also used by John Lyly for a comic play and for a novel by Disraeli.

Answer: _Endymion_

17. Identify the following nineteenth century explorers FTP each.

1. (Note: You will get a five point clue for this one if you miss it.) From 1801 to 1803, this British sailor circumnavigated Australia, creating the first detailed charts of its coastline.

5 pt clue: The current site of the Australian Open tennis tournament is named for him.

Answer: Matthew _Flinders_

2. This French explorer was the first white man to visit Timbuktu and live to tell the tale, as well as the first to cross the Sahara.

Answer: Rene (reh-NAY) Caillie (kye-YAY)

3. This Scottish explorer discovered the Zambesi river and Victoria Falls before getting lost.

Answer: David _Livingston_

18. Identify the following computing milestones FTP each.

1. Designed by John Mauchly and J. Presper Evert, this 15 foot long computer was the first designed for commercial use. Introduced in 1951, it had 1.5 K of memory.

Answer: UNIVAC or _Universal Automatic Computer_

2. This language, invented by John Kemeny and Thomas Kurtz, was introduced in 1965.

Answer: BASIC

3. In 1981, Commodore introduced this computer, which would become the first microcomputer to sell more than 1 million units.

Answer: the _VIC-20_

19. Answer the following questions about a recent spacecraft FTP each.

1. On July 4, this American spacecraft became the first probe to land on Mars in 21 years.

Answer: Pathfinder

2. Pathfinder's cargo was what twenty pound robot, named for an American woman, which was the first object (so far as we know) to move around the Martian surface under its own power?

Answer: Sojourner

3. Pathfinder landed in Ares Vallis, a channel over 500 miles southeast of the location of this spacecraft, which became the first craft to land on Mars when it did so in 1976.

Answer: _Viking I_

20. Identify the American author from works, 30-20-10.

1. 30 point clue: _Einstein_ and _Songs for a Summer Day_

2. 20 point clue: _Streets in the Moon_ and _Panic_

3. 10 point clue: _Conquistador_ and _J.B._

Answer: Archibald _MacLeish_

Identify the composer from works, 30-20-10-5.

30: _Spanish Rhapsody_, _Gaspard de la Nuit_

20: _The Tomb of Couperin_, _Mother Goose Suite_

10: _Daphnis and Chloe_

5: _Bolero_

Identify the works by David Hume FTP each.

1. Considered the greatest philosophical work originally written in English, the three parts of this book laid the foundations for skeptical empiricism. It contains the famous claim that "Reason is the slave of the passions."

Answer: the Treatise of Human Nature

2. This epistemological work states that scientific laws can never be certain, because they can only be based on induction, and points out that we cannot be sure that the sun will rise tomorrow just because it always has in the past.

Answer: the Enquiry Concerning Human Understanding

3. This work was published in 1779, three years after Hume's death. It denies that there has ever been a miracle and claims that God cannot exist because he is only an idea in men's minds.

Answer: Dialogues Concerning Natural Religion

Identify the following key advances of the Industrial Revolution, FTP each.

1. In 1764, James Hargreaves developed this mechanical device which could do the work of a hand spinner.

Answer: the spinning jenny

2. Five years later, Richard Arkwright produced the first model of this machine, a hydro-powered device for spinning yarn.

Answer: the water frame

3. In 1779, Samuel Crompton combined the spinning jenny and the water frame to produce this machine, which effectively brought an end to the home spinning industry.

Answer: the spinning mule

Identify the following characters from the Ramayana FTP each.

1. Rama wins this woman as his wife by bending Rudra's bow.

Answer: Sita

2. After Rama is exiled, this demon-king of Ceylon kidnaps Sita.

Answer: Ravana

3. After Rama sends Sita away, fearing that she has been defiled by Ravana, she wanders to the hut of this poet, the legendary author of the Ramayana.

Answer: Valmiki