

Delaware Winter Invitational, 2010

Womanly stuff academic packet by Mark Pellegrini and Nick Lacock

Tossups

1) **In one painting by this artist, a woman falls out of a window in New York's Hampshire House; in another, a building emerges out of a volcano in a bathtub floating above the artist's feet. In addition to *The Suicide of Dorothy Hale* and *What the Water Gave Me*, she is known for her many self-portraits, including *Self-portrait with Thorn Necklace and Hummingbird*. Much of her work was influenced by the bus accident she suffered while she was a teenager. This is for ten points what Mexican artist, the wife of Diego Rivera?**

ANSWER: Frida **Kahlo**

2) **The Knik and Turnagain ["Turn again"] arms of the Cook Inlet can be found in this state, which also contains Mount Shishaldin on Unimak island. Approximately 65% of this state is owned and managed by the Federal Government, including Kobuk Valley, Lake Clark, and Glacier Bay. This state, which in 1964 was struck by the second-strongest earthquake on record, has more coastline than any other. Lisa Murkowski and Sarah Palin live in, for ten points, what northernmost US state?**

ANSWER: **Alaska**

3) **Some recent research shows that this genetic disorder may help in suppressing Wilms' tumors. First identified by its namesake doctor in 1942, this disorder occurs in 1 out of 850 men, making it the second most-common genetic disorder after Down's syndrome. Although a majority of men with this syndrome are largely unaffected, some of its more serious symptoms are incontinence and increased risk for diseases associated with women. Caused by a non-disjunction error during meiosis, this is for ten points what genetic disorder affecting men in which they have an extra X chromosome?**

ANSWER: **Klinefelter's** syndrome (accept **47XXY**; accept **XXY** until the word "extra", prompt afterwards; prompt on **47**; do not accept metafemal or fragile X)

4) **Her daughter Cleis is the subject of fragments 98 and 132, which refer to Cleis as "a beautiful child who looks like golden flowers." Other fragments refer to this poet's brother, who had an affair with the courtesan Rhodopsis, and to a hymn to Aphrodite asking for the love of a nameless girl. Plutarch claimed that this poet invented Mixolydian ["Mix-oh-lid-ee-in"] meter. Alcaeus referred to this poet as violet-haired and honey-smiling, while Plato described her as the tenth muse. An inhabitant of the island of Lesbos, this is for ten points what ancient Greek poet?**

ANSWER: **Sappho**

5) **Frances Perkins was a member of the committee that investigated this event, and decades later published a book about it titled *People At Work*. Engines 18 and 72 had to stop blocks away in order to avoid running over the bodies of workers who had jumped out of windows. Supervisors had locked the workers in the Asch building and never installed a fire ladder. 146 people, most of them women, died in for ten points what 1911 fire in a New York City garment factory?**

ANSWER: Triangle Shirtwaist factory fire

6) **She has claimed that she is 1/16th Comanche Indian, has just turned 30, and is saving up endorsement dollars to buy a hovercraft. She hosts her own segment on WOHN Channel 8 news where she has compared the experience of walking in on her parents to seeing two walrus wrestling.** In one episode, we find out her soft spot is for people with down syndrome, as her sister has it and she accepts a teen with it onto her squad. However, for ten points, this character played by Jane Lynch is usually shown ruthless in attempting to tear apart McKinley High School's show choir in order to keep all of the school's activity money for her Cheerios on *Glee*.

ANSWER: Sue Sylvester (accept either)

7) **CP 1919 was the first one of these discovered. Their name is a result of the lighthouse effect, which causes them to be observable only at intermittent periods.** The first one was dubbed "Little Green Men One" by its discoverer because she thought that it was a sign of extra-terrestrial intelligence. That discoverer, Jocelyn Bell Burnell, should have won a Nobel Prize for her discovery, but instead it was awarded to her PhD advisor, Antony Hewish, leading to the saying that "Graduate students don't win Nobel Prizes." This is for ten points what type of rotating neutron star that emits EM radiation?

ANSWER: Pulsar (prompt on Neutron star before it is mentioned in the question)

8) **The first work of this collection is titled *I thought once how Theocritus had sung*, and the last is titled *Beloved, thou hast brought me many flowers*. Written around 1845, this collection chronicles the period leading up to the author's marriage.** The most famous work in this collection asks a question, the answers to which are freely, purely, by sun and candlelight, with a passion put to use, and better after death. The author was reluctant to publish them, but her husband encouraged her to, so she published them under a title suggesting they were translated from another language. This is, for ten points, what poetry collection from Elizabeth Barrett Browning, the most famous of which is *How do I Love Thee*?

ANSWER: Sonnets from the Portuguese

9) **One of the litigants, the District Attorney for the city of Dallas, never lost a case until this one. In 2004, the Fifth Circuit Court of Appeals threw out an appeal brought by the other original litigant, Martha McCorvey.** Harry Blackmun wrote the decision in this case, while Rehnquist and White dissented. Sarah Weddington and Linda Coffee represented the petitioner, a carnie who was unable to get a certain medical procedure. This is for ten points what 1973 Supreme Court case which struck down anti-abortion laws?

ANSWER: Roe v. Wade

10) **This song describes women as "In tears or in laughter, she is always lying" and any man who trusts women as "always miserable."** This song is ironic because the singer is a callous playboy who makes a pass at a gypsy after he finishes the song. Meanwhile, one of the singer's previous conquests plots with her father to have him killed. Sung by the Duke of Mantua, this is for ten points what aria composed by Giuseppe Verdi for the opera *Rigoletto* whose title translates as "Woman is fickle"?

ANSWER: La donna e mobile

11) **Clebsch–Gordan coefficients are used when adding these values together. As a consequence of Emmy Noether's theorem, this quantity must be conserved because space is rotationally symmetric. This quantity's time derivative is torque, and it can be calculated by taking the cross product of the position vector and momentum. Designated by a capital L, this is for ten points what rotational analogue of linear momentum?**

ANSWER: Angular momentum (do not accept or prompt on momentum or linear momentum)

12) **The cardinal confesses his part in the events to his mistress Julia, then murders her by having her kiss a poisoned bible. Earlier, the cardinal had sent soldiers to capture the titular widow and bring her back, whereupon she was executed by her brothers for marrying against their wishes. Bosola then goes on a killing spree, stabbing the cardinal, Antonio, and Ferdinand. This is the plot of, for ten points, what 1613 John Webster restoration play about a titular Duchess?**

ANSWER: The Duchess of Malfi

13) **Trained as a chemist before going to law school, Mikhail Gorbachev described this politician as "a man with whom I could do business." Her government was brought down by the Community Charge, a highly unpopular poll tax. She was a strong opponent of unions and communism, and an advocate of privatizing rails, electricity, and water. Nicknamed "Attila the Hen" and "the Iron Lady," this is for ten points what only female British Prime Minister?**

ANSWER: Margaret Thatcher

14) **Fifty-five years after this work was published, Derek Freeman wrote a critique of it claiming that it was based on a practical joke. Chapters in this work include "Maturity and Old Age", "The Role of the Dance", "Formal Sex Relations" and "The Girl and Her Age Group." The author discusses the taupou, the protection of virginity, and concludes this work by noting that that western society cripples emotional life. Subtitled *A Psychological Study of Primitive Youth for Western Civilisation*, this is for ten points what study of adolescent girls of the South Pacific, a work by Margeret Meade?**

ANSWER: Coming of Age in Samoa

15) **In the Loggia dei Lanzi, you can find Giovanni Bologna's 1513 statue of this event, which occurred during a festival for Neptune. This event provoked a war with a neighboring tribe, who were led by King Titus Tatius. Tatius and his army were able to breach the city walls with the help of Tarpeia, but were eventually defeated by Romans led by Hostus Hostilius. This is for ten points what 752 BC event in which Romans, led by Romulus, abducted the women of a neighboring tribe?**

ANSWER: The Rape of the Sabine Women (Accept equivalents like Rape of the Sabines or Abduction of the Sabine Women)

16) **The *Adi Granth* is the primary text of this religion whose adherents believe in Waheguru. One radical sect of this religion was led by Jarnail Bhindranwale, who was killed in a**

1984 military assault on one of this religion's holiest sites, the Golden Temple. In retaliation, adherents to this religion assassinated Indira Gandhi, sparking massive riots against this religion. Founded by Guru Nanak, this is for ten points what fifth-largest religion in the world, found mainly in Punjab?

ANSWER: Sikhism

17) **In 1995, she became the only woman interred in the Panthéon. The laboratory in the fifth** arrondissement, where she and her daughter did their work, was later turned into a museum. Her extensive research of pitchblend exposed her to such large doses of radiation that to this day her notebooks cannot be safely handled. She discovered element 84 and named it Polonium after her homeland, Poland. Also the discoverer of Radium, this is for ten points what french physicist?

ANSWER: Marie Curie

18) **In one scene of this play, Cinesias argues with his wife Myrrhine. In another scene, the Old Men tell the story of Melanon, who flees into the mountains.** The titular character convinces Calonice, Lampito, and others to join her in swearing an oath, and the group of them seize control of the Acropolis. There they are approached by several characters, including the Athenian negotiator and the Spartan ambassador. But in the end, the women succeed in bringing an end to the the Peloponnesian War. This is, for ten points, what play by Aristophanes in which the titular character convinces the women of Greece to go on a sex strike?

ANSWER: Lysistrata

19) **Albert Ellis has argued that adherence to this system of philosophy can result in hazardous psychological effects. Discussed in works like *Philosophy: Who Needs It* and *For the New Intellectual*, it rejects** skepticism, mysticism, collectivism, determinism, and altruism, and holds that consciousness exists, existence is identity, and A is A. *The Virtue of Selfishness* is often cited by adherents of this philosophy which claims that one's own happiness is the highest purpose in life. Espoused by John Galt in *Atlas Shrugged*, this is for ten points what system of philosophy developed by Ayn Rand?

ANSWER: Objectivism

20) **This city hosted a 2007 Middle-Eastern peace conference, a namesake constitutional convention** in 1786, and briefly served as the capital of the United States. You can find the Alex Haley memorial and the oldest continuously-used statehouse in the US in this city, which is located in Anne Arundel county. You can also find St. John's college, Fort Severn, and the U.S. Naval Academy. Named for Queen Anne, this is for ten points what capital of Maryland?

ANSWER: Annapolis

21) **The Ashley Treatment uses this steroid to stimulate bone growth. Because it prolongs neuron lifespan, research into it as a treatment for Alzheimer's is ongoing.** Three types of this steroid occur in humans, of which the E2 is the most common. It slows the effects of menopause, and synthesizes connexins during pregnancy. Produced by ovarian follicles from androgens, this is for ten points what hormone responsible for sexual maturation in females?

ANSWER: Estrogen

22) **Ra could travel through her body at night to be reborn each morning. This daughter of Tefnut and Shu had her principal temple at Heliopolis. This wife and sister of Geb is often depicted as a naked woman covered with painted stars. Although she is not Hathor, she is often depicted as a cow. Originally the Goddess of the night, this is for ten points what Egyptian Goddess of the sky?**

ANSWER: **Nut**

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Bonuses

1) They are classified into retro and DNA classes. For ten points each  
[10] What are these genetic sequences that can move around within a genome?

ANSWER: **Transposons** (Accept: **Jumping genes**)

[10] Transposons were discovered by what cyto-geneticist?

ANSWER: Barbara **McClintock**

[10] McClintock discovered transposons while studying what plant?

ANSWER: **Corn** (accept **Maize** and **Zea mays**)

2) Name some First Ladies from their accomplishments for ten points each

[10] After her husband died in office, this first lady became a delegate to the United Nations, and drafted the *Universal Declaration of Human Rights*.

ANSWER: **Eleanor Roosevelt**

[10] During her tenure as First Lady, she led efforts to plant flowers along the nation's highways, leading to the passage of the Highway Beautification Act.

ANSWER: **Ladybird Johnson**

[10] This woman acted as the First Lady during two different administrations. During the burning of Washington DC, she saved the portrait of George Washington.

ANSWER: **Dolley Madison**

3) *The Four Ages of Man*, *To My Dear and Loving Husband*, and *Verses upon the Burning of our House, July 18th, 1666* are some of this author's work. For ten points each

[10] Who is this English poet who emigrated to the Massachusetts Bay Colony?

ANSWER: Anne **Bradstreet**

[10] This work was Bradstreet's first collection of poetry, and the only one to be published her lifetime.

ANSWER: The **Tenth Muse Lately Sprung Up in America** by a Gentlewoman in such Parts

[10] Bradstreet wrote this farewell poem to her husband when she was nine-months pregnant, fearing that she would die in childbirth.

ANSWER: **Before the Birth of One of Her Children**

4) Name some women who got punished in Greek mythology on a 5-10-20-30 basis

[A] This weaver's hubris enraged Athena, who turned her into a spider.

ANSWER: **Arachne**

[B] This princess was given the gift of foresight, but it was later turned into the curse that nobody would believe her when she warned them.

ANSWER: **Cassandra**

[C] This blind Theban prophet killed a pair of mating snakes. Hera punished him by turning him into a woman.

ANSWER: **Tiresias**

[D] This group of women killed their husbands, and were punished by having to carry jars of water to wash off their sins. Unfortunately, the jars had holes in them.

ANSWER: The **Daniads**

5) Name these female American painters for ten points each

[10] This Impressionist painter worked closely with Degas and painted works such as *The Toreador* and *The Boating Party*

ANSWER: Mary **Cassat**

[10] This wife of Alfred Steiglitz is best-known for painting close-ups of flowers.

ANSWER: Georgia **O'Keefe**

[10] This folk artist of *Catching the Thanksgiving Turkey*, *Apple Pickers*, and *Sugaring-Off in the Maple Orchard* did not begin painting until her 70s, earning her a distinctive nickname.

ANSWER: Anna Mary Robertson "Grandma" **Moses**

6) Name some works about incestuous relationships for ten points each

[10] In this play by Sophocles, the title character gouges his eyes out when he finds out that his wife is also his mother.

ANSWER: **Oedipus** Rex

[10] In this 1957 Vladimir Nabokov novel, Humbert Humbert has an affair with his 12-year-old step-daughter.

ANSWER: **Lolita**

[10] Pecola Breedlove is raped by her father in this extremely controversial debut novel from Toni Morrison.

ANSWER: The **Bluest Eye**

7) They were the first immortal cell line ever discovered. For ten points each

[10] This is what cell line named for Henrietta Lacks, from whose cervical cancer these cells were isolated?

ANSWER: **HeLa** cells

[10] Immortal cell lines are able to divide forever, thus circumventing this limit on the number of times a cell can divide.

ANSWER: **Hayflick** limit

[10] The Hayflick limit exists because each time the cell divides, part of this region at the end of the chromosome is lost

ANSWER: **Telomere**

8) This successor to Peter III westernized Russia while corresponding with great thinkers like Voltaire and Diderot. For ten points each

[10] Who was this Czar of Russia who reigned from 1762 to 1796?

ANSWER: **Catherine the Great** (Accept: **Catherine II**)

[10] One of Catherine's many lovers was this statesman who allegedly erected fake villages in the Crimea to impress Catherine while she toured.

ANSWER: Grigory **Potemkin**

[10] *The Captain's Daughter* is a fictional account of this conflict, a 1774-1775 revolt among the Yaik Cossacks which ended when its namesake leader was executed.

ANSWER: **Pugachev's** rebellion (Prompt on the Cossack rebellion)

9) Name these female philosophers who are known for things other than their philosophy for ten points each

[10] This French existentialist philosopher wrote *She Came to Stay* and *The Second Sex*, but you probably know her better as the life-long love interest of John-Paul Sartre.

ANSWER: Simone de **Beauvoir**

[10] This 12th century abbess is best-known for her love affair and correspondence with Pierre Abelard.

ANSWER: **Heloise**

[10] This Brit wrote *A Vindication of the Rights of Woman*, but is better known for her affairs with Henry Fuseli and Gilbert Imlay.

ANSWER: Mary **Wollstonecraft**

10) The phrase "love at first sight" is sometimes taken a little too literally. Name some famous women in literature who had secret admirers for ten points each.

[10] Petrarch wrote his collection of 366 poems, *Il Canzoniere*, about this woman, who's existence remains a subject of debate.

ANSWER: **Laura** de Noves

[10] Don Quixote dedicates his quests to this peasant girl from Toboso.

ANSWER: **Dulcinea** of Toboso (also accept **Aldonza** Lorenzo del Toboso)

[10] *La Vita Nuova* is a collection of poetry by Dante Alighieri dedicated to this woman, who he also included as a central figure in another work.

ANSWER: **Beatrice** Portinari

11) She spent World War II working for OSS chief Bill Donovan. While there, she helped develop shark repellent, and was posted to Sri Lanka. For ten points each

[10] Who is this woman who later went on to become a best-selling chef?

ANSWER: Julia **Child**

[10] Julia Child was the subject of a book and movie, *Julie and Julia*, written by what blogger?

ANSWER: Julie **Powell**

[10] Julia Child's magnum opus is what two-volume French cookbook?

ANSWER: **Mastering the Art of French Cooking**

12) Name these female mathematicians for ten points each

[10] This Egyptian mathematician was ambushed and killed by a mob of Christian monks, possibly for her Pagan beliefs.

ANSWER: **Hypatia** of Alexandria

[10] Her best-known work, *Analytical Institutions*, dealt mostly with calculus. This inventor of the "Witch Curve" gave up mathematics in 1752 to work with charities.

ANSWER: Maria Gaetana **Agnesi**

[10] Often described as the first computer programmer, this woman worked closely with Charles Babbage. She has a programming language named for her.

ANSWER: Ada **Lovelace**

13) Name some things about a certain monument in Washington DC for ten points each

[10] Ranked tenth on *Architecture Magazine's* list of "America's Favorite Architecture" is what

memorial which has 58,159 names inscribed on it?

ANSWER: The Memorial **Wall** (Accept: the **Vietnam** Veteran's **Memorial**)

[10] The Wall was designed by what Chinese-American architect?

ANSWER: **Maya Lin**

[10] The Wall is only one of three parts of the Vietnam Veterans memorial. Name either of the other two.

ANSWER: The **Three Soldiers** or the **Vietnam Women's Memorial**

14) A Chinese proverb says that one of them loved money, one of them loved power, and one of them loved China. Name some things about the Soong sisters for ten points each

[10] The youngest Soong sister, May-Ling, "loved power" and married what general who led the Nationalists?

ANSWER: **Chiang Kai-shek**

[10] The middle Soong sister, Ching-ling, "loved China" and married what founder of the Kuomintang?

ANSWER: **Sun Yat Sen**

[10] The eldest Soong sister, Ai-ling, "loved money" and married what banker, the richest man in China?

ANSWER: H. H. **Kung** (Accept: **Kung Hsiang-hsi**)

15) Esther Greenwood begins working at a magazine under editor Jay Cee, but begins to slowly go crazy, as if she were trapped under the titular object. For ten points each

[10] This is the semi-autobiographical plot of what 1963 novel published under the pen-name Victoria Lucas?

ANSWER: The **Bell Jar**

[10] *The Bell Jar* is the only novel by what writer whose other works include *Ariel* and *Letters Home*?

ANSWER: Sylvia **Plath**

[10] *The Bell Jar* is based on Plath's experiences interning at what women's magazine?

ANSWER: **Mademoiselle**

16) Name some things which may or may not have something in common for ten points each.

[10] This Latin word means "infection of the throat," however the *pectoris* version is chest pain caused by an oxygen deficiency in the heart, and the *tonsillaris* version is the formal name for tonsillitis.

ANSWER: **Angina**

[10] Also commonly called chickadees from the sound of their call, this species of bird is native to North America but can be found in most parts of the world.

ANSWER: **Titmouse**

[10] Several species of sea lettuce comprise this genus. When it rots it produces hydrogen sulfide, a toxic gas that caused beaches in Brittany to be evacuated in August 2009.

ANSWER: **Ulva**

17) Name some places associated with women for ten points each.

[10] This waterfall on the Zambezi River is often cited as the world's largest.

ANSWER: **Victoria Falls**

[10] This California city is named for the patron saint of military engineers, miners, and mathematicians.

ANSWER: **Santa Barbara**, California

[10] This mausoleum was erected by Shah Jahan in memory of his wife.

ANSWER: **Taj Mahal**

18) After her husband returned from exile and was assassinated, she became the leader of the opposition and led the People Power Revolution. For ten points each

[10] Who was this 11th President of the Philippines?

ANSWER: Corazon **Aquino**

[10] Aquino led the opposition against what long-time dictator who was deposed in 1986?

ANSWER: Ferdinand **Marcos**

[10] Aquino was a member of what Philippine political party?

ANSWER: **United Nationalists Democratic Organizations** (Accept **UNIDO** or **PDP-Laban** or **Partido Demokratiko Pilipino-Lakas ng Bayan**)

19) Name these Old Testament books of the Bible for ten points each

[10] In the King James bible, this book is placed between Judges and 1 Samuel. It is named for the great-grandmother of David.

ANSWER: Book of **Ruth**

[10] After Tobit, you can find this book about a Jewish woman who ingratiates herself to an enemy general, and then beheads him.

ANSWER: Book of **Judith**

[10] This book, between Judith and Job, centers on the titular figure, who is brought before king Ahasuerus to replace his wife Vashti.

ANSWER: Book of **Esther**

20) Konstanze and her servant Blonde are captured by pirates and sold to Selim. Belmonte and Pedrillo are caught while rescuing them, but Selim decides to let them go instead of executing them. For ten points each

[10] This is the plot of what opera?

ANSWER: The **Abduction from the Seraglio** (Accept: Il **Seraglio** and **Die Entführung aus dem Serail**)

[10] Who wrote *Abduction from the Seraglio*?

ANSWER: Wolfgang Amadeus **Mozart**

[10] The Abduction from the Seraglio was commissioned by what Holy Roman Emperor, who famously criticized it by saying it had "too many notes?"

ANSWER: **Joseph II**

21) Laurel travels to New Orleans to care for her ailing father, Judge. After Judge dies, Laurel and Judge's second wife take his body back to Mount Salus to bury him. For ten points each

[10] This is plot of what 1972 novel?

ANSWER: The **Optimist's Daughter**

[10] Who wrote *The Optimist's Daughter*?

ANSWER: Eudora **Welty**

[10] What character, Judge's second wife, ends up leaving Laurel alone in her old family home?

ANSWER: **Fay McKelva** (accept either)