

Ebowla 2001
Carnegie Mellon University
Packet #2

TOSSUPS

1. Shortly after its opening, the playwright was accused of plagiarizing *Finnegan's Wake*. Set in Lexington, New Jersey, it is largely allegorical. Henry is Cain-like and destructive, particularly in the apocalyptic third act, while Sabina is a Lilith-like temptress who nearly destroys the Antrobus family. For 10 points, name this Thornton Wilder play.

Answer: The Skin of Our Teeth

2. Responsible for the precessional motion of an orbital body, it can be measured in mechanical systems by a dynamometer. Its gravitational value is always zero about the center of mass of an object. Although it may have units equivalent to energy, it is a vector product having units of force-distance. For 10 points, name this tendency of a force to rotate a body.

Answer: torque

3. Venerated in the Eleusinian Mysteries, she was also celebrated in the Thesmophoria as a patron of marriage. Due to Celeus' kindness to her during her search, she taught his son Triptolemus agriculture. During her search, the earth bore no fruit, and so Zeus ordered Hades to release Persephone back to, for ten points, this Greek mother goddess of grain.

Answer: Demeter

4. Bahadur, the final one of this line, was exiled after his involvement in the Mutiny of 1857 against the British. By that time, their power extended only to certain areas around Dehli, much smaller than the vast empire ruled by Humayun and Aurangzeb. Generally tolerant of Hindus and Sikhs, for 10 points, name this dynasty of Indian Muslim rulers who included Shah Jahan and Akbar the Great.

Answer: Mughal or Mogul Dynasty

5. After winning the 1839 Prix de Rome for his cantata "Fernand," he studied Palestrina and prepared to become a priest. He instead chose opera, writing "Sapho" and "The Bloody Nun" before finding success with "The Mock Doctor." He wrote the lamentary "Gallia" shortly after the Franco-Prussian War, but his largest success was with an adaptation of Goethe. For 10 points, name this composer of the opera "Faust."

Answer: Charles Gounod

6. Authorized by Executive Order 9066, they included Heart Mountain, Wyoming; Rowher and Jerome, Arkansas; Minidoka, Idaho; and Topaz, Utah. The largest two were at Poston, Arizona, and Tule Lake, California, which did not close until 1946. For 10 points, name these sites used to hold members of a certain ethnic group during World War II.

Answer: Japanese-American Internment Camps

7. Commercially obtained as byproducts of oil refining and styrene production, it is also found naturally in its namesake tree. A common ingredient in paint thinners, it is also used to produce many nitro-compounds, of which the tri-nitro version is most important. For 10 points, name this simple aromatic molecule, formula C_7H_8 , also known as methylbenzene.

Answer: toluene (accept early methylbenzene)

8. After taking holy orders in 1651, he wrote only the auto sacramentales. His "Schism of England" about Henry VIII and Anne Boleyn, while "Life is a Dream" is an allegory of a Polish prince. Several comedies are in the "cloak and dagger" genre, and most early works center around conjugal honor, such as "The Mayor of Zalamea." For 10 points, name this Spanish playwright of "The Surgeon of His Honor" and "Devotion to the Cross."

Answer: Pedro Calderon de la Barca

9. The first one required jury trials in criminal cases and reformed land laws. The second one, passed in 1931 stemmed from the Imperial Conference of 1926 and the Balfour Report, though its main effect was to codify what was already de facto. For 10 points, give the name these two British laws share, the second of which codified the political independence of Commonwealth nations.

Answer: Statute of Westminster

10. A man with his back turned may be a thief, as indicated by a distant, illuminated cash register. The setting is a place called "Phillies," which apparently serves five cent coffee and has very bright fluorescent lights. Each man is modeled after the artist, while the redheaded woman was modeled after his wife, Jo. For 10 points, name this popular painting by Edward Hopper.

Answer: Nighthawks

11. Ancillary episodes in the novel involve the unpronounceable name of a new mine and the creation of Shanty Town. A countryside pastor is called to the city by Theopholis Msimangu [em-si-MAN-goo] because his sister has become a prostitute. In Johannesburg, he discovers that his son has murdered a white social reformer. James Jarvis overcomes the murder of his son and befriends Stephen Kumalo in, for 10 points, name this 1948 novel by Alan Paton.

Answer: Cry, the Beloved Country

12. A posthumous volume of writings, "The Farther Reaches of Human Nature," appeared in 1971. He chaired the psychology department at Brandeis from 1951 to 1969, advocating a theory of self-actualization. In "Motivation and Personality," he laid the groundwork for his most famous hypothesis. For 10 points, name this creator of a namesake "heirarchy of needs."

Answer: Abraham Harold Maslow

13. Separated into two varieties depending on its location, the A type will only proceed for 100 kilometers, while the B type can extend indefinitely. Its most rapid occurrence today is off the southern coast of Alaska, resulting in the St. Elias Mountains, as the Pacific plate collides with the North American one. For 10 points, name this process by which one tectonic plate slides beneath the other into the mantle.

Answer: subduction

14. They are often divided into two subgenera – *Haploxyon*, which has one fibrovascular bundle and is soft, and *Diploxyon*, which has two and is hard. Hard ones, like the Scots and loblolly, are typified by coarse grained wood, large amounts of resin, and needle bundles of three. For 10 points, identify this type of tree best known for its cone.

Answer: pine trees or Pinus

15. Admiration of a girl's red dress cost him his previous job. His last vision is that of his Aunt Clara, scolding him for being a burden to his best friend. He breaks Curley's hand after being told to defend himself, and he one

day dreams of caring for rabbits. For 10 points, name this mentally retarded character who is killed at the end of Steinbeck's "Of Mice and Men."

Answer: Lennie Small

16. It was invented by Kallinikos of Heliopolis, a refugee from the Muslim conquests in Syria. European monarchs often sought its "secret," drawing on apocryphal tales of its ancient use. The first reported use was during the 7th century defense of Constantinople. A general mixture of naphtha, calcium oxide, and sulfur, for 10 points, name this substance that would combust on exposure to water.

Answer: Greek Fire

17. Both the 1969 and 1989 events ended in a tie. The biggest victory for either side came in 1967 at Houston, when the US won 23-1/2 to 8-1/2. The Belfry has hosted it three times, while Brookline, Massachusetts was the site of the most recent one, which ended in a controversial celebration. For 10 points, name this golf event whose latest incarnation has been postponed to 2002.

Answer: Ryder Cup

18. One story states that after being rejected by her future husband because of her dark skin, she engaged in such fervent asceticism that her body began to glow. A daughter of the Himalayas, her name means "mountain," and as mother of Ganesha and Skanda she is patron of wives and mothers. For 10 points, name this Hindu goddess, the consort of Shiva.

Answer: Parvati

19. The home to both Lava Bed National Monument and Manning Provincial Park, it stretches some 700 miles north to south and generates the headwaters of the Willamette and Fraser Rivers. Many of its peaks are volcanic, such as Mounts Baker, Lassen, and St. Helens. For 10 points, name this Pacific mountain range, also home to Mounts Hood and Ranier.

Answer: Cascade Range

20. The first woman awarded an honorary degree by Yale, she helped found the ACLU in 1920. She left medical school suffering from back problems and spent two years as an invalid before searching for a vocation. Traveling to England, she and Ellen Starr visited Toynbee Hall and decided to do something similar in Chicago. For 10 points, name this Nobel Peace Prize winner and founder of Hull House.

Answer: Jane Addams

BONI

1. Hey, it's the tournament's name. Answer the following about Ebola for 15 points each.

[15] Ebola causes this type of fever, characterized by convulsions, extreme temperature, rash, and massive bleeding.

Answer: hemorrhagic fever

[15] Fueling speculation that primates are the reservoir, Ebola is the only member of the Filoviridae [fill-oh-VIR-i-day] family along with this green monkey disease virus named for a German town.

Answer: Marburg virus

2. Identify the following works of Nikolai Gogol for 10 points each.

[10] Pavel Chichikov attempts to purchase recently deceased serfs in a scheme to purchase his own land in this novel.

Answer: Dead Souls (or Myortvye dushi)

[10] One of the St. Petersburg stories, it is about the civil servant Porprishcin who eventually believes he is king of Spain.

Answer: Diary of a Madman (or Zapiski sumashedskogo)

[10] This short story deals with the purchase and subsequent theft of the title object, resulting in the death of Akaky.

Answer: The Overcoat (or Shinel)

3. Answer the following about US-Soviet disarmament discussions for 10 points each.

[10] A series of these negotiations took place between 1969 and 1979, although the second agreement was not ratified by the Senate.

Answer: Strategic Arms Limitation Talks

[10] Part of SALT I, this treaty prohibited the development of certain defense systems.

Answer: Anti-Ballistic Missile Treaty

[10] After the interruption of SALT, Reagan and Gorbachev initiated this series of negotiations in 1982.

Answer: Strategic Arms Reduction Talks

4. Identify the following songs that appear on the recent compilation "Great Story Songs."

[10] This C. W. McCall ditty is called the "greatest trucker song of all time." It was also used by Bill Shatner in a Priceline.com ad.

Answer: Convoy

[10] This Jimmy Dean song spent 5 weeks at #1 in 1961. It tells the story of a man who dies after rescuing 20 miners.

Answer: Big Bad John

[10] Marty Robbins sings this song about falling in love with a Mexican girl.

Answer: El Paso

5. Identify the following works of Franz Schubert for 10 points each.

[10] Schubert based this unorthodox Piano Quintet in A Major on his earlier Lied "Die Forelle."

Answer: Trout Quintet

[10] He gave his Symphony No. 4 in C Minor this title.

Answer: Tragic

[10] His first successful Lieder publication was this dissonant adaptation of a Goethe poem about the death of a boy in the woods.

Answer: Die Erlkönig or The Erl King

6. Identify the following House Managers of the Clinton Impeachment Trial from their current activities for 10 points each.

[10] After helping to coordinate John McCain's presidential bid, he announced his intention to run for Strom Thurmond's Senate seat in 2002.

Answer: Lindsey Graham

[10] This former representative from Arkansas is now the head of the Drug Enforcement Agency.

Answer: Asa Hutchinson

[10] The Chief Manager of the Impeachment Trial, this Illinois congressman now chairs the House International Relations Committee.

Answer: Henry Hyde

7. Identify these former Governors General of Canada on a 15-5 basis.

[15] Serving from 1904 to 1911, he oversaw the addition of Saskatchewan and Alberta and was active in social reform.

[5] He donated a namesake cup to the CFL in 1909.

Answer: Earl Grey

[15] A commander of Canadian troops during WWI, he served between 1921-26 and refused to dissolve Parliament, precipitating a crisis with Mackenzie King.

[5] His wife donated a namesake trophy to the NHL in 1925.

Answer: Sir Julian Hedworth George Byng, Viscount of Vimy

8. Help the tournament director get through his differential equations class by identifying the following about them for 15 points each.

[15] Also called an equidimensional equation, it takes the form: x^2 times second derivative of y , plus x times first derivative of y , plus y equals zero.

Answer: Cauchy-Euler equation

[15] A simple equation such as $dy/dx = 2xy$ can be solved through this method to yield y equals the exponential function of x^2 .

Answer: separation of variables

9. Identify these related works for 15 points each.

[15] This Kipling short story sees Daniel Dravot install himself as a god and ruler of Kafristan, only to be proved fraudulent and killed.

Answer: The Man Who Would Be King

[15] This play by Moss Hart and George S. Kaufman follows Sheridan Whiteside, a guest who, while injured, meddles with and insults the whole town. As he prepares to leave, he is again injured.

Answer: The Man Who Came to Dinner

10. 30-20-10. Identify the deity.

[30] Because his mother complained that she didn't have enough hours in a day, he lassoed the sun and tied it down until it obeyed his mother's wishes.

[20] Using an ancestor's jawbone as hook and his own nose as bait, he caught and pulled up the North Island of New Zealand.

[10] Haleakala [ha-lee-uh-KAH-lah], on his namesake Hawaiian island, is the mountain he used to anchor the sun.

Answer: Maui

11. Answer the following about heat transfer for 10 points each.

[10] Heat transfer in a fluid is usually dominated by this process, which involves motion in the fluid.

Answer: convection

[10] Heat transfer in a solid happens through this process.

Answer: conduction

[10] Conduction is governed by this law, which states that heat flux is proportional to the temperature gradient.

Answer: Fourier's Law

12. No, Bill and Ted, she wasn't Noah's wife. Answer the following about "Miss of Arc" for 10 points each.

[10] Joan's major accomplishment was the lifting of the British siege of this city.

Answer: Orleans

[10] Joan's victories paved the way for this man to be crowned King of France at Reims.

Answer: Charles VII

[10] In "Bill and Ted's Excellent Adventure," Joan becomes enamored with this activity at the San Dimas Mall and plans to take it back to her troops.

Answer: aerobics (accept equivalents)

13. Identify the following works of F. Scott Fitzgerald for 10 points each.

[10] This short story collection involves the two title people in tales such as "Bernice Bobs Her Hair," "The Offshore Pirate," and "The Ice Palace."

Answer: Flappers and Philosophers

[10] Set after World War I, it is the story of Nicole, a mental patient, who falls for her psychiatrist Dick Diver.

Answer: Tender Is the Night

[10] His final novel, it was left unfinished at his death. It tells the story of Monroe Stahr.

Answer: The Last Tycoon

14. Answer the following about titrations for 10 points each.

[10] The endpoint of a strong acid / strong base titration will always be at this pH.

Answer: 7

[10] This is the term for a titration that involves continual measurements from an electrochemical cell, such as a pH meter. They are generally more accurate.

Answer: potentiometric

[10] In potentiometric titrations, the pH meter takes the place of this standard component of titrations, such as methyl orange or bromocresol.

Answer: indicator

15. Given a Hall of Fame, give the city in which it is located. You'll receive 5 for one, 10 for two, 20 for three, and 30 for all four.

[5] Rock and Roll Hall of Fame

Answer: Cleveland, Ohio

[5] Canadian Football Hall of Fame

Answer: Hamilton, Ontario

[5] International Bowling Museum and Hall of Fame

Answer: St. Louis, Missouri

[5] Texas Ranger Hall of Fame and Museum

Answer: Waco, Texas

16. Answer the following about the history of Connecticut for the stated number of points.

[5] Founded in 1635 at the mouth of the Connecticut River, this was the first settlement.

Answer: Fort Saybrook

[15] A dissenting minister led his followers from Cambridge, Massachusetts to found this Connecticut town. Name them – 5 for one, 15 for both.

Answer: Thomas Hooker and New Haven

[10] Thomas Hooker helped write this basic colonial framework for Connecticut in 1639.

Answer: Fundamental Orders of Connecticut.

17. Identify the following Platonic dialogues for 15 points each.

[15] Socrates declines the opportunity to escape prison, stating that he could not be an honorable philosopher if he avoided a legal punishment.

Answer: Crito

[15] This discussion on the meaning of words concludes that since words require thought, they must have some natural quality.

Answer: Craytlus

18. Identify the following works from a brief description for 15 points each, or 10 if you need the author.

[15] It develops a principle that societal constructs are the result of some free choices by the participants (the "voluntaristic concept").

[10] Talcott Parsons

Answer: The Structure of Social Action

[15] The introduction states that the title group is fully developed in advanced feudal societies such as old Europe and Japan.

[10] Thorstein Veblen

Answer: The Theory of the Leisure Class

19. On its ceiling are two paintings by Jules Guerin – "Reunion and Progress" and "Emancipation of a Race." Answer the following about it for 10 points each.

[10] First, name this Washington, D.C. structure.

Answer: Lincoln Memorial

[10] This architect based his design for the Memorial on the Parthenon.

Answer: Henry Bacon

[10] This man designed the seated statue of Lincoln in the Memorial.

Answer: Daniel Chester French

20. Identify the following literary terms for 10 points each..

[10] A figure of speech which begins with inspiration but ends in a ridiculous manner; also an anticlimax.

Answer: bathos

[10] A figure of speech characterized by great extravagance or exaggeration.

Answer: hyperbole

[10] Meaning "Novel of education," this type of work centers on the development of a central character from youth to wisdom.

Answer: Bildungsroman