**Ebowla 2001**
**Carnegie Mellon University**
**Packet #7**

## TOSSUPS

1.      He lost a reelection after stating that Britain was wrong to have declared war on Germany, and his first administration lost no-confidence vote after the poor prosecution of J.R. Campbell. He returned as PM in 1929, but resigned from his party to lead a national coalition from 1931-35, when his power dwindled. For 10 points, name this first Labour prime minister.

Answer: (James) Ramsay MacDonald

2.      It is surrounded by several figures depicting members of the Cornaro family in prayerful pose. Rays of light made from gilded metal illuminate the piece, along with a hidden window. The two figures rest on a stucco cloud as the angel holds an arrow of divine love in his right hand. For 10 points, name this Bernini sculpture that depicts the mystical experience of the titular saint.

Answer: The Ecstasy of St. Teresa

3.      It partially explains the need for "soft hands" in some sports, as well as why one should move their body with a punch to lessen its effects. Certain spacecraft employ it for "slow burn" acceleration, reducing the need for highly volatile fuel. Usually symbolized "J," for 10 points, name this integral of force with respect to time which gives rise to a change in momentum.

Answer: impulse (prompt on "momentum")

4.      Praised for heroism in the siege of Belgrade, he was elected to Parliament and presided over a prison reform committee, experiences which led him to America. He successfully repelled the Spanish at Bloody Marsh, but two attacks on St. Augustine failed. Allegations of poor management led to his recall to England in 1743, and he never again returned to Savannah. For 10 points, name this colonial founder of Georgia.

Answer: James Edward Oglethorpe

5.      This theory, recorded in 1987, not only speaks about evolution, but also attempts to explain Stonehenge and the Bermuda Triangle. It reveals that the title entity resides in your jeans, your cheeseburgers, Nutty Buddies, and your mom, but is trying to escape from Joan Rivers. For 10 points, name this novelty song by Mojo Nixon and Skid Roper, which tells us where we'll be able to locate Mr. Presley.

Answer:          Elvis is Everywhere

6.      It ends stating, "To gain the supreme victory, it is necessary, for one thing, that by and through their natural differentiation men and women unequivocally affirm their brotherhood." Three main sections focus on biology, psychology, and history as the author argues for the abolition of the "eternal feminine." For 10 points, name this feminist treatise by Simone de Beauvoir.

Answer: The Second Sex (or Le Deuxieme Sexe)

7.      *The Big Sea* and *I Wonder As I Wander* are the two volumes of his autobiography. While working at a hotel, he left three poems with Vachel Lindsay – a scholarship and the publishing of *The Weary Blues* soon followed. His poem "Cross" became the play *Mulatto*, and he wrote several humorous stories about Jesse B. Semple. For 10 points, name this author of *Shakespeare in Harlem*.

Answer: (James Mercer) Langston <u>Hughes</u>

8.	As a color, according to Ken Nordine, it is soft and fat. As a type of red wine, it is generally fruity and smooth, with prime examples coming from Beaujolais and Beaune. As a duchy, it was an independent nation until the death of Charles the Bold in 1477. For 10 points, give the shared name, today naming a region in France around Dijon.

Answer: <u>Burgundy</u>

9.	The author exhorts his readers to pause for weeks before continuing past the first section. Stating that a being could not conceive of a more perfect being unless the idea was put in his mind, the author goes on to posit that God does not alter our sense perception. For 10 points, name this work by Rene Descartes, partially a justification of modern science.

Answer: <u>Meditations on First Philosophy</u> (or <u>Meditationes de Prima Philosophia</u>)

10.	Mr. Burchill rights all the wrongs committed against the protagonist and his family at the novel's conclusion. The family is forced to move after the father loses an independent income, both Olivia and Sophia are abducted, and George is imprisoned after attacking Squire Thornhill. Featuring the trials and irony of Dr. Charles Primrose, for 10 points, name this Oliver Goldsmith work.

Answer: The <u>Vicar of Wakefield</u>

11.	It stemmed from two April 1987 meetings with regulators, but did not come to light until Ed Gray testified that American Continental tried to pressure him to halt investigations. Alan Cranston was censured, while Senators Glenn and McCain were largely absolved of serious wrongdoing in, for 10 points, this scandal of senators influencing the Lincoln Savings and Loan investigation.

Answer: <u>Keating Five</u> (prompt on early "Lincoln S&L")

12.	A graduate of Cal-Berkeley, he was elected mayor of San Jose in 1971. While in Congress, he served as chairman of the House Public Works and Transportation Committee until the Republican takeover in 1994. After a brief tenure at Lockheed Martin, he was made Secretary of Commerce. For 10 points, name this man, currently Secretary of Transportation.

Answer: Norman Y. <u>Mineta</u>

13.	The first record of it as doctrine is found in the apocryphal "De Obitu S Dominae," though most accounts come through apostolic tradition. Both Jerusalem and Ephesus claim to be the event's site, and it was celebrated in the eastern churches long before its acceptance in Rome. Declared dogmatic by Pius XII in 1950, for 10 points, name this Catholic and Orthodox feast celebrating the taking of the Virgin Mary's body into heaven.

Answer: <u>Assumption</u> of Mary

14.	They secured control over the entire peninsula after deposing the last Koryo ruler in 1392 at Kaesong. Renaming the empire after an ancient people, the capital was moved to Hangyang and the yangban aristocracy was installed. Yongjo and Chongjo were two of its kings. Also called the Choson Dynasty, for 10 points, name this dynasty that ruled Korea until 1910.

Answer: <u>Yi</u> Dynasty (accept early <u>Choson</u>)

15.	They include two major classes – cellular and plasmodial. The latter reproduce sexually with the release of gamete spores that become "swarm cells" and propel it to a dry surface. The fusion of two spores begin the plasmodial stage, in which it releases its characteristic covering. For 10 points, name this type of organism which is not a true fungus.

Answer: <u>slime mold</u>

16. Horizontal ones fell out of favor some 1200 years ago, while arched ones can still be found in Burma and Africa. Modern ones have a double-action pedal that change tension and add more chromatic notes to the instrument's range. Orchestral ones may have an ornate captital adorning the curved frame of, for 10 points, this "angelic" stringed instrument.

Answer: <u>harp</u>

17. Used in the Runge-Kutta numerical solutions for certain differential equations, it is especially useful to bypass discontinuities. Though it was known to Bernoulli in the 1690s, it takes its name from the English mathematician who popularized it in a 1715 work. When centered at zero, it is named for Colin Maclaurin. For 10 points, name this infinite series that involves taking multiple derivatives and dividing by factorials.

Answer: <u>Taylor</u> series

18. It disbanded in 1943, nearly a quarter-century after its founding. Members usually had little in common art-wise, save for a general participation in Hollywood or Broadway productions. Alexander Woolcott, Dorothy Parker, George S. Kaufmann, Robert Benchley, and Harpo Marx were all members of, for 10 points, this group that met and ate regularly at the namesake locale.

Answer: <u>Algonquin Round Table</u>

19. The precursor of several neurotransmitters such as dopamine and epinephrine, it has been used to treat depression and dementia. Weakly acidic with a side chain pKa of about 10, it is synthesized in the body from phenylalanine. For 10 points, name this amino acid with a phenol side chain.

Answer: <u>tyrosine</u>

20. He wrote two books relating stories of his travels in short sketches – "The Narrow Road to the Deep North" and "The Records of a Travel-Worn Satchel." During his wanderings, he would compete with local writers in creating renga, or linked verse. He took his pen name from the "Cottage of the Plantain Tree" which served as his hermitage. "On a withered branch" marked the beginnings of theNew Style of, for 10 points, this master of the haiku.

Answer: Matsuo <u>Basho</u> (or Matsuo <u>Munefusa</u>)

## BONI

1.      Identify the following Latin American composers for 15 points each.

[15]    He wrote the "Bachianas Brasilerias," which combined Bach with Brazilian folk music.  He also wrote 12 symphonies, "Amazonia," and many works for the classical guitar.
Answer: Heitor Villa-Lobos

[15]    Largely self-taught, this Mexican composer is best known for his "Sinfonia India" and two Aztec ballets. He founded the Mexican Symphony Orchestra in 1928.
Answer: Carlos Antonia du Padua Chavez y Ramirez


2.      Answer the following about a certain American poet for 10 points each.

[10]    This poet was the originator of the line "My candle burns at both ends."
Answer: Edna St. Vincent Millay

[10]    "My candle burns at both ends" is the first line of this 1920 collection.
Answer: A Few Figs From Thistles

[10]    Millay donated the profits from this poem to the defense of Sacco and Vanzetti.
Answer: Justice Denied in Massachusetts


3.      Given a list of tributaries, name the river system for 10 points each.

[10]    Chambeshi, Ubangi, Sangha
Answer: Congo (or Zaire) River

[10]    Sheksna, Sura, Kama
Answer: Volga River

[10]    Madeira, Negro, Purus
Answer: Amazon River


4.      Given the Greek deity, name its Roman equivalent for the stated number of points.

[5]     Athena
Answer: Minerva

[5]     Poseidon
Answer: Neptune

[10]    Hecate
Answer: Trivia

[10]    Eris
Answer: Discordia


5.      Identify the following knots from common descriptions of how you tie them for 10 points each.

[10]    "Left over right; right over left"

Answer: <u>square</u> knot

[10]    "Rabbit comes up from the hole, around the tree, then back in to the hole."
Answer: <u>bowline</u>

[10]    "Left over right; left over right."
Answer: <u>granny</u> knot


6.    Answer the following about a particular class of stars for 10 points each.

[10]    Name this variable star that oscillates regularly in luminosity, temperature, and size.
Answer: <u>Cepheid</u> variable

[10]    The relationship between period and luminosity was determined by this astronomer through comparisons of those in the Small Magellenic Cloud.
Answer: Henrietta <u>Leavitt</u>

[10]    Two classes of Cepheid variables exist – the classical Cepheid and this type.
Answer: <u>Population II</u> or <u>W Virginis</u>


7.    Identify these components of the human immune system for 10 points each.

[10]    Neutrophils, eosinophils, and basophils comprise the three classes of this type of scavenger cell, formerly called microphages, which chemically attack invaders.
Answer: <u>granulocyte</u>

[10]    Similar to lymphocytes, these cells do not directly attack antigens, but rather destroy the body's own virus-infected or cancerous cells.
Answer: <u>Natural Killer</u> cells

[10]    Upon binding with an antigen-presenting cell, these lymphocytes release cytokines, inducing other immune responses.
Answer: <u>helper T</u>-lymphocytes or cells


8.    Identify the following uprisings in American history for 10 points each.

[10]    In 1831, a band of five slaves led by the uprising's namesake marched through the Virginia countryside, gaining strength until halted by the militia.
Answer: Nat <u>Turner's Rebellion</u>

[10]    George Washington led a federal contingent to put down this protest over an excess grain tax.
Answer: <u>Whiskey Rebellion</u>

[10]    This four-day event in New York was in response to one of Lincoln's war policies; many blacks were targeted.
Answer: <u>Draft Riot</u>


9.    Identify the following American economists for 15 points each.

[15]    His "life cycle theory" of saving was important in formulating pension plans, while his work with Merton Miller laid a foundation for market expectations.
Answer: Franco <u>Modigliani</u>

[15]    A founder of the monetarist school, his works include "A Monetary History of the United States" and "Capitalism and Freedom," where he advocates a negative income tax.
Answer: Milton Friedman

10.    Identify these recent Polish leaders for 10 points each..

[10]    This former leader of the Solidarity movement was the first president of postcommunist Poland.
Answer: Lech Walesa

[10]    He defeated Walesa in 1995 elections and remains in office today.
Answer: Aleksander Kwasniewski

[10]    Made premier in 1981, he imposed martial law to crackdown on Solidarity, but later oversaw free elections.
Answer: Wojech Jaruzelski

11.    Identify the following possibly related works for 10 points each.

[10]    This novel depicts Hans Castorp's coming of age in a Swiss sanatorium on the eve of World War I.
Answer: The Magic Mountain (or Der Zauberberg)

[10]    This Kawabata novel follows the empty affair between a young, wealthy man and an aging geisha.
Answer: Snow Country

[10]    In this Hemingway short story, Harry develops gangrene while on a safari and, before he dies, sees a vision of a frozen leopard.
Answer: The Snows of Kilamanjaro

12.    Identify the following laws of optics for 15 points each.

[15]    The product of the index of refraction and the sine of the angle of incidence in one medium is equal to that in the second medium.
Answer: Snell's Law

[15]    There is a particular angle theta at which the reflection off a surface is maximally polarized. For transparent media, this is 90-degrees.
Answer: Brewster's Law

13.    Identify these pre-Norman kings of England for 10 points each.

[10]    The second son of Edgar the Peaceful, his reign was disastrous, marked by Danish invasions. He eventually had to relinquish the throne to Sweyn Forkbeard.
Answer: Ethelred II or Ethelred the Unready

[10]    The son of Sweyn, he held power over much of Scandinavia and was largely Anglicized.
Answer: Canute

[10]    After the death of Canute's sons, this pious son of Ethelred II restored the Wessex line.
Answer: Saint Edward the Confessor

14.    Name the painters of the following medically-themed works for 10 points each.

© 2001, Eric Steinhauser

[10]    The Gross Clinic
Answer: Thomas Eakins

[10]    The Anatomy Lesson of Dr. Tulp
Answer: Rembrandt van Rijn

[10]    Doctor and Doll
Answer: Norman Rockwell


15.    They are dependent merely on the properties of the system at the time they are measured and thus, are independent of the system's history. For 10 points each –

[10]    Name this type of thermodynamic quantity.
Answer: state function

[10]    State functions differ from these functions, such as work, which are dependent on the system's immediate history.
Answer: path or route function

[10]    This state function is equal to internal energy plus the product of pressure and volume.
Answer: enthalpy


16.    30-20-10, name the stadium.

[30]    A huge glove in left field is marked with a "501" sign, making it the most distant current outfield measurement sign in baseball.

[20]    It is the only MLB park to feature a ferry service to the stadium.

[10]    Barry Bonds has been launching home runs into McCovey Cove here since 2000.

Answer: Pacific Bell Park


17.    Identify the following cases of Sherlock Holmes for 15 points each.

[15]    Holmes is absent from much of this case, as Watson stays with the title family near Devonshire. Stapleton is proved culpable for Sir Charles' death.
Answer: The Hound of the Baskervilles

[15]    As Mrs. Forrester states, "It is a romance! An injured lady, half a million in treasure, a black cannibal, and a wooden-legged ruffian."
Answer: The Sign of the Four


18.    Identify the following forms of Buddhism for 10 points each.

[10]    Sanskrit for "Great Vehicle," this sect is a firm believer in the bodhisattvas.
Answer: Mahayana

[10]    Conservative in nature, this group adheres to the Pali Canon and holds that one can become an "arhat" through individual religious worship.
Answer: Theraveda (prompt on "Hinayana")

[10] Popular in Japan, this group holds that the Buddha nature is locked in everyone and can be retrieved through meditation.
Answer: Zen

19. Answer the following about the Odyssey for 10 points each.

[10] After being released by Calypso, Odysseus comes to the shores of this land, where he receives help.
Answer: Phaecia

[10] Name the Phaecian king who speeds Odysseus on his way, only to have his navy turned to stone by Poseidon.
Answer: King Alcinous

[10] Back in Ithaca, Odysseus enlists the help of this loyal herdsman.
Answer: Eumaios

20. Answer the following about the establishment of the US National Park system for 10 points each.

[10] This 1906 law authorizes the president to proclaim certain areas as national monuments or historic landmarks.
Answer: Antiquities Act

[10] The first national monument under the Antiquities Act was this Wyoming structure.
Answer: Devil's Tower

[10] The first area of land set aside as a national preserve was this Arkansas location.
Answer: Hot Springs