

11/5/01

11/4/01

P12:1

**Ebowla 2001
Carnegie Mellon University
Packet #12**

TOSSUPS

1. A recently discovered "proxy" variant of it has been seen in some parents trying to compensate for some recent loss. In an extreme case, a woman was sent to jail for poisoning her child. Those afflicted are generally aware that they are not ill, but some may deliberately harm themselves. For 10 points, name this psychological disorder named for a legendary German teller of tall tales.

Answer: Munchausen's syndrome

2. Mindaugus was the first king, but Gediminas created the historical empire. The country converted to Catholicism and allied with Poland under Jogaila, an alliance that later became the Commonwealth of Two Peoples. Partitioned in the 19th century, its Taryba proclaimed it a republic in 1918, only to be forcibly annexed by the USSR in 1940. For 10 points, name this Baltic nation with historical capital of Vilnius.

Answer: Lithuania

3. It ends with a chorus about the joys of champagne sung by all the characters in front of the jail. Prince Orlofsky, who threw the party in Act II, promises to make Adele a real actress, and Falke reveals that the entire thing was a giant practical joke to get back at the Eisensteins. For 10 points, name this operetta that takes its name from the costume Falke was forced to wear, with a score by Johann Strauss.

Answer: Die Fledermaus

4. A two-time winner of the W. H. Smith Young Writers' Award, both parents were actors – her father was well known in British comedy. Her first major role was as Hero in Kenneth Branagh's "Much Ado About Nothing," and she went on to parts in "The Last Days of Disco," and "The Golden Bowl." For 10 points, name this actress, recently appearing in "Serendipity" and "Pearl Harbor."

Answer: Kate Beckinsale

5. Recent developments in this field include the creation of ultrafast lasers and electron diffraction techniques. Experiments involve an initial pump pulse, which initiates the reaction, and subsequent probe pulses, which generate spectra of reaction intermediates. For 10 points, name this developing field named for the short time scales involved.

Answer: femtochemistry

6. It was predicated by the execution of three men for the murder of John Sassamon. The Wampanoags attacked Swansea in retaliation, and further attacks came from the Naragansetts, who were later devastated in the Great Swamp Fight. Famine weakened the Indian alliance forged by Metacom, and his death signaled its end. For 10 points, what was this colonial conflict titled after Metacom's English name?

Answer: King Phillip's War

7. During the Sabine attack, he caused a hot spring to form on the Capitolian Hill, scalding the enemy and sending them in retreat. Thusly known as a protector of Rome, the gates were left open in times of war. As ruler of Latium, he sheltered Saturn from Jupiter. His son is Tibernius. Usually revered around important beginnings or endings in life, for 10 points, name this two-faced god.

Answer: Janus

8. Its formation is a necessary byproduct of both the Safronov and Cameron accretionary theories models. Likely ejected in the formation of a proto-sun, it may be spherical or annular, and perturbations caused by passing extrasolar objects may send a comet towards the sun. For 10 points, name this theoretical collection of comets over 2,000 AU from the sun.

Answer: Oort-Opik Cloud

9. Alba is generally coddled by the family, and she later falls for a radical university student. Much of the novel's action is caused by Rosa's death, predicted by her near-psychic sister, who then becomes mute. Clara resumes speech with her marriage to Esteban, and their family embodies social change in South America in, for 10 points, this Isabel Allende novel whose ending parallels the Pinochet coup.

Answer: The House of the Spirits (or La casa de los espíritus)

10. Prompted by attacks on the Pleiku barracks, it began with a strike against an ammunition depot. Initially intended as a diplomatic signal, targets were restricted so as to avoid provoking a Soviet or Chinese response. For 10 points, name this air operation that grew into a massive bombing campaign in North Vietnam.

Answer: Operation Rolling Thunder

11. A relative to Prince Escalus, one of his first speeches is to mock Rosaline and ridicule his friend's past affairs. He is continually jovial even in death, as he makes light of his mortal wounds, which he received when attempting to defend Romeo's honor. Speaker of the famous Queen Mab speech, for 10 points, name this comic character in "Romeo and Juliet."

Answer: Mercutio

12. "I read the other day some verses written by an eminent painter which were original and not conventional." So begins this work, which ends "nothing can bring you peace but the triumph of principles. In the interim, the author uses many epigrams to state that much conformity and consistency is foolish, and that one should trust his own judgement. For 10 points, name this essay by Ralph Waldo Emerson.

Answer: Self-Reliance

13. About 12,000 square miles in area, it is the source for the southeasterly "mwera" [em-wear-uh] winds that give it a slight gale. Likoma Island was the site of an Anglican mission. Fed by 14 rivers, its only outlet is the Shire, a tributary of the Zambezi. Also called Nyasa, for 10 points, name this lake in southeastern Africa that shares its name with a nation it borders.

Answer: Lake Malawi (accept early Nyasa)

14. They are composed of two unequal subunits – prokaryotic ones generally have Svedberg coefficients of 50 and 30, while eukaryotic ones are 60S and 40S. Often grouped together for mass production, their location in the cytosol depends on cellular function, and so secretory cells have more rough endoplasmic reticulum. For 10 points, name the site of protein transcription.

Answer: ribosome

15. The final story of Griselda is an adaptation of the Book of Job. Filomena relates the story of Isabella, who disinters the head of her murdered lover, keeping it in a pot of basil. Panfilo may represent the author, and his tales urge both the reader and Brigata to look for deeper meaning. Beginning with 10 young Florentinians escaping the plague, for 10 points, name this collection of tales by Giovanni Boccaccio.

Answer: Decameron

16. It was said that he alone had seen the exact image of the gods and revealed it to man. His Athena Parthenos brought charges of impiety, as it included portraits of Pericles and himself on Athena's shield. Also responsible for some of the Elgin marbles, his largest work was at Olympus. For 10 points, name this ancient Greek sculptor of the great ivory and gold statue of Zeus.

Answer: Phidias (Pheidias)

17. His grandfather was a claimant in the disputed succession after Alexander III's death. He claimed power in 1306 and seized most English garrisons. Edward II brought an army north in 1314, but this man won victory over the English in the Battle at Bannockburn. For 10 points, name this Scottish king who secured Scottish freedom in the Treaty of Northampton.

Answer: Robert (the) Bruce

18. Only 75 pages in length, it discusses epistemology, metaphysics, sign theory, and general philosophy. All statements are given a decimal number notation that indicates the general topic and up to four specialized topics. Stating that the world is made of "atomic facts," they must be expressed in propositions. For 10 points, name this Wittgenstein work, concluding that philosophy's role is to monitor the bounds of sensibility.

Answer: Tractatus Logico-Philosophicus

19. Today it is part of state highway 16 and is the main entryway to the Kitsap peninsula and Bremerton Naval Shipyard. The original used plate girder construction, and its only victim was a trapped dog. After its opening it soon gained the nickname "Galloping Gertie." For 10 points, name this span that collapsed in a windstorm on November 7, 1940.

Answer: Tacoma Narrows Bridge

20. It holds true even for compressible fluids and gases, as a change in external pressure causes a density wave before establishing equilibrium. It applies only to static pressure, and is utilized in such tools as the hydraulic jack. For 10 points, name this law which states that pressure in a fluid exerts a constant force on all surfaces.

Answer: Pascal's Law

BONI

1. On September 12, 1759, a British army ascended the cliffs up from the St. Lawrence River at night, surprising the French army. Both commanders died of their wounds in the ensuing battle, which gave the British control of Quebec. For 10 points each, name that battle and both commanders.

Answers: Heights or Plains of Abraham
 General James Wolfe
 Marquis Louis-Joseph de Montcalm-Grozon

2. Answer the following about "IT" for 10 points each.

[10] Quite possibly a scooter, name this project which received much hype after a book proposal about its creation was leaked.

Answer: Ginger

[10] Ginger is the work of this man, whose iBot motorized wheelchair was codenamed "Fred."

Answer: Dean Kamen

[10] Speculation as to Ginger's identity has focused on Kamen's patent on this type of non-polluting engine.

Answer: Stirling engine

3. Identify the following dinosaur genera from descriptions for 10 points each.

[10] The first dinosaur genus to be scientifically identified, they had large thumb spikes and were likely capable of bipedal motion.

Answer: Iguanodon

[10] Meaning "fused lizard," this genus had bony plates covering its flanks and back along with a club-like tail.

Answer: Ankylosaurus

[10] One of the largest predators of the late Jurassic, this genus visually resembles T. rex.

Answer: Allosaurus

4. Answer the following about the Taliban while we still can for 10 points each.

[10] He is the de facto leader of the Taliban and Afghanistan.

Answer: Mullah Mohammed Omar

[10] This Taliban ambassador to Pakistan has been their main spokesman.

Answer: Mullah Abdul Salam Zaeef

[10] The Taliban's main opposition comes from this loose coalition of competing factions.

Answer: Northern Alliance

5. Their principles were set forth in "Defense and Illustration of the French Language," and they worked to promote French as a language equal to Latin or Greek. For 10 points each, name –

[10] This 16th Century group of seven French poets.

Answer: La Pléiade

[10] The author of "Defense and Illustration of the French Language," and one of the leaders of La Pleiade.

Answer: Joachim Du Bellay

[10] The "Prince of Poets," founder of La Pleiade whose works include "Amours de Cassandre" and "La Franciade."

Answer: Pierre de Ronsard

6. 30-20-10, identify the political figure.

[30] Ineligible to run for president himself (since he was not born in the U.S.), he endorsed Clinton in 1992 and Bush in 2000. He also severely criticized Bush earlier this year, saying "He stinks!"

[20] In a September cover story, he appeared in a photograph with Hillary Clinton, with whom he is allegedly having an affair.

[10] According to *The Weekly World News*, his real name is P'lod, and he has named at least twelve members of Congress who are also from his homeworld.

Answer: space alien (accept early P'lod)

7. Identify the following Pre-Raphaelites for 10 points each.

[10] The primary founder of the group, he largely painted in watercolor and depicted scenes from Shakespeare and other literature.

Answer: Dante Gabriel Rossetti

[10] His "Christ in the House of His Parents" drew sharp criticism for its mundane portrayal of religious subjects "The Order of Release" and "The Blind Girl" were better received.

Answer: John Everett Millais

[10] Another of the founding trio, his works include "The Light of the World," "The Scapegoat," and "Triumph of the Innocents."

Answer: William Holman Hunt

8. Identify the following Jane Austen novels from characters for 10 points each.

[10] Isabella Thorpe; Henry Tilney

Answer: Northanger Abbey

[10] Lady Catherine Le Bourgh; Charles Bingley; Charlotte Lucas

Answer: Pride and Prejudice

[10] Harriet Smith; Mr. Woodhouse

Answer: Emma

9. They are usually made from pairings of antimony and bismuth, iron and copper, or platinum and rhodium. For 10 points each, name –

[10] These circuits made of two dissimilar conductors which are used to measure temperature.

Answer: thermocouple

[10] The effect which provides an electromotive force in thermocouples.

Answer: Seebeck effect

[10] This grouping of several thermocouples increases the voltage and provides a more sensitive reading.
Answer: thermopile

10. Identify the following heresies in the early Christian church for 10 points each.

[10] The first major heresy, it held that the Son was not at all equal with the Father, but rather the greatest of all mortal beings and not divine.
Answer: Arianism

[10] This heresy held that there were two natures and two persons – one divine, one human – within Christ.
Answer: Nestorianism

[10] Promulgated by the Persian teacher Mani, its strongest support came in France, and it held that life was a struggle between good and evil.
Answer: Albigensianism or Catharism or Bogomilism

11. Identify the following members of a particular Italian family for 10 points each.

[10] Duke of Valentino, he tried to conquer much of central Italy. He was the model of an ideal modern ruler for Machiavelli.
Answer: Cesare Borgia

[10] Cesare's father, he was elected pope in 1492 and was involved in much corruption.
Answer: Rodrigo Borgia or Alexander VI

[10] This great-grandson of Alexander VI became a Jesuit priest after his wife died, founding the University of Gandia and reforming missions in the New World
Answer: St. Francis Borgia

12. Answer the following about Carnegie Steel for 10 points each.

[10] Chief administrator of Carnegie Steel, he had a terrible personal relationship with Andrew Carnegie himself.
Answer: Henry Clay Frick

[10] This 1892 strike saw 7 workers killed by Pinkerton guards called in to bust the strike.
Answer: Homestead Strikes

[10] Carnegie Steel was sold to this man's United States Steel for \$250 Million.
Answer: J. P. Morgan

13. Answer the following about a particular economic sociologist for 10 points each.

[10] Name the Austrian-born man whose major contribution to economics was through analysis of the business cycle and formalizing economic analysis.
Answer: Joseph A. Schumpeter

[10] Name the book in which Schumpeter argues that the current western economic system will collapse from its own success, giving way to a welfare state.
Answer: Capitalism, Socialism, and Democracy

[10] This is Schumpeter's term for the death and replacement of certain businesses or industries with the business cycle.

Answer: creative destruction

14. Answer the following questions about a meteorological topic for 15 points each.

[15] Ranging from 0 to 5, this measures tornado intensity by the amount of damage caused.

Answer: Fujita scale (prompt on "F")

[15] In addition to his tornado work, Fujita described these incredible downdrafts of air that fan out in a star pattern when they reach the ground. They are particularly dangerous for aircraft.

Answer: microburst (prompt on "downburst")

15. 30-20-10, name the poet from works.

[30] Five Men and Pompey; Tiger Joy

[20] King David; The Ballad of William Sycamore

[10] John Brown's Body

Answer: Stephen Vincent Benet

16. Answer the following about the works of Friederich Nietzsche for 10 points each.

[10] This 1886 work argued that men must turn conventional values upside down to live creatively and have progress.

Answer: Beyond Good and Evil (or Jenseits von Gut und Bose)

[10] His formulation of the basis behind every human transaction, this phrase was also the title of the first posthumous collection.

Answer: will to power (or Wille zur Macht)

[10] Written in 1888, this summary of his philosophy shares its name with a Wagner opera.

Answer: Twilight of the Idols or Gods (or Gotzen-Dammerung)

17. Identify the composers of the following symphonic poems for 10 points each.

[10] "Night on Bald Mountain"

Answer: Modest Mussorgsky

[10] "The Swan of Tuonela"

Answer: Jean Sibelius

[10] "Don Juan"

Answer: Richard Strauss

18. Identify the following transmuted elements from descriptions for 10 points each.

[10] The first artificial element, there are signs that it may actually be found in nature, as its spectrum has been detected in M-, N-, and S-class stars.

Answer: technetium or Tc

[10] First isolated in the remnants of a thermonuclear detonation, it is element 99.

Answer: einsteinium or Es

[10] Element 109, it is the highest-numbered element to have a nondisputed name.

Answer: meitnerium or Mt

19. Identify the following authors for 15 points each.

[15] Born in Senegal, she was the first African American woman to publish a volume of poetry.

Answer: Phyllis Wheatley

[15] This author of the column "The Prattler" and "In the Midst of Life" disappeared into Mexico in 1913.

Answer: Ambrose G. Bierce

20. Answer the following about ancient Mesopotamian civilizations for 10 points each.

[10] The disparate Sumerian city states were first united under this king of Kish around 2800 BC.

Answer: Etana

[10] The Akkadians conquered most of Sumeria around 2300 BC under this king.

Answer: Sargon

[10] The combined Akkadian-Sumerian culture was conquered by these people around 1900 BC, eventually creating the Babylonian Empire.

Answer: Amorite