

11/5/2001

P11:1

11/4/04

**Ebowla 2001
Carnegie Mellon University
Packet #11**

TOSSUPS

1. Episodes include a visit to the Sailor's Grave and hunting for alligators in the sewer. Benny Profane is a "schlemiel" who served on the USS Scaffold and now works various jobs. Herbert Stencil is an adventurer who searches for a character in his father's journals – she appears at various European events through World War II. For 10 points, name this Thomas Pynchon novel that takes its title from the mystery woman's initial.

Answer: V.

2. Much of its terminology is derived from industrial distillation – appropriate since most methods operate through equilibrium separations. Partition rates, selectivity, and theoretical plate heights are among those terms used to describe the elution rates of the mobile phase. For 10 points, name this analytical technique, examples of which include ion exchange, size exclusion, and high performance liquid.

Answer: chromatography

3. In the right foreground, a child clings to the breast of his presumably dead mother as a mounted attacker looks on. A village burns in the background, adding smoke to the vast, cloudy sky, and a group of men are rounded up by the Turkish attackers. For 10 points, name this Delacroix work which depicts an atrocity of the Greek War of Independence.

Answer: The Massacre of Chios

4. A donor's conference for this nation was recently called off by EU officials, upset that its government had not enacted promised reforms and was going ahead with plans to re-enter Grusino. The ethnic Albanian National Liberation Army formally disbanded in September and hopes for a permanent peace settlement were high in, for 10 points, this former Yugoslav republic.

Answer: (Former Yugoslav Republic of) Macedonia (accept FYROM)

5. A version of his name was offered as a possible name for Arizona Territory. He oversaw the removal of the Seminoles and later became president of the South Carolina Railroad Company, where he advocated a southern transcontinental route. Recalled as minister to Mexico for exceeding his authority, for 10 points, name this man who negotiated a \$10 million land purchase south of the Gila River.

Answer: James Gadsden

[Note: "Gadsonia" was a proposed name for Arizona Territory in 1854]

6. The third son of his family, his father wishes him to become a lawyer and forbids him to go adventuring at sea. During one of his trips, he is taken captive by Moorish pirates, but he escapes to Brazil, becoming a planter. On a voyage to procure slaves, his ship is struck by a hurricane, and, for 10 points, what Daniel Defoe character is marooned on an island for 28 years?

Answer: Robinson Crusoe

7. He had a brief stint with the Cardinals before going to the Red Sox in 1901, and he ended his career with the Boston Braves in 1911. He threw three no-hitters in his career, including a perfect game against the Athletics in 1904. While with the Cleveland Spiders, he began a 14-year streak of 20-plus win seasons. For 10 points, name this legendary pitcher whose name is given to a season-end award.

Answer: Denton True “Cy” Young

8. 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

9. Among the guests are colonels and mayors. At one point, the Old Man drops a number of coins and must navigate to retrieve them. The Old Woman bares her breasts for the assembly. Set in a lighthouse, the much-awaited orator can only write “Angelfood.” Populated with invisible characters, for 10 points, name this Eugene Ionesco play which ends with a stage full of the title object.

Answer: The Chairs (or Les Chaises)

10. Sometimes referred to as the creator, he is more often cited as an impersonator or demiurge who enjoyed changing the landscape. Plains traditions cast him as a cultural hero who gave man the arts and fire, while the Southwestern cultures saw him as a noble trickster who defeated Thunder Bird. Also the subject of many tales about his foolishness, for 10 points, name this common Native American god who shares his name with the prairie wolf.

Answer: Coyote

11. H.D. Macleod attributed the principle to its namesake in 1558. Disparities in the gold standard between the US and Europe proved its veracity, while the advent of fiat money left no doubt. Largely explaining why most coins are nickel and zinc, for 10 points, name this economic principle that “bad money drives out good.”

Answer: Gresham’s Law

12. He was deposed as governor of New South Wales in the 1808 Rum Rebellion after claims of “oppressive behavior.” A member of James Cook’s third voyage, he was absent when his ship Director was involved in the Nore mutiny. His fame as navigator grew after guiding an open longboat 3600 miles to Timor after, for 10 points, this man was set adrift after the Boutny mutiny.

Answer: William Bligh

13. It is utilized in the Esaki diode, permitting some current to flow across a p-region despite a high potential barrier. Alpha decay is an example of the general process on a nuclear scale, and it partially explains the Josephson effects. A result of quantum mechanics and the wave function, it would be impossible with classical particles. For 10 points, name this effect in which an electron crosses through a potential barrier to another region.

Answer: electron tunneling effect (prompt on “barrier penetration”)

14. He served as chaplain on a number of Glarus mercenary expeditions to Italy before becoming preacher at Muenster. He persuaded the Zurich Council to refuse entry to a seller of indulgences, and soon set about his own Reformation movement with 67 theses. He rejected Luther’s consubstantiation at the Marburg conference, but, for 10 points, never formed his own church, as this Swiss Protestant Reformer was killed in a 1531 battle.

Answer: Huldrych (Ulrich) Zwingli

15. Its latest ventures center around the development of “BREW,” a system for running applications from wireless phones. Founded in 1985, its projects have included the development of Code Development Multiple Access (CDMA) technology. For 10 points, name this company whose holdings include Eudora e-mail and the naming rights to a San Diego stadium.

Answer: Qualcomm

16. He became prime minister following B.J. Vorster's resignation after spending years as minister of public works and defense. He spearheaded the creation of black "homelands," splitting his political opposition. Despite implications he ordered dozens of murders, he has vowed to never appear before the Truth and Reconciliation Committee. For 10 points, name this former leader of South Africa.

Answer: Pieter Willem Botha

17. Much as a river will terminate with a delta, so will this terminate with a kame [kaa-me]. Multiple kames along its path are referred to as "beading," and they generally have well-defined bedforms. Because of the great pressures involved, they may go uphill. For 10 points, name this formation caused by subglacial streams dragging sediment.

Answer: esker

18. "Dear Mr. President: As you are aware, the accusations against me cannot be resolved without a long, divisive, and debilitating struggle in the Congress and in the Courts. I have concluded that ... it is in the best interests of the Nation that I relinquish the Vice Presidency." So went the October 1973 resignation letter of, for 10 points, this embattled vice president.

Answer: Spiro Theodore Agnew

19. Many of the works reference folk tales or mythology. Largely influenced by Edward Young and Shakespeare, it was a reaction against rationalism and the Enlightenment. Major figures included Heinrich Wagner, Lenz, and Goethe. Taking its name from a play by Maximillien Klinger, for 10 points, name this literary movement, German for "storm and stress."

Answer: Sturm und Drang (prompt on early "storm and stress")

20. The concertino consists of recorder, oboe, violin, and trumpet, the latter of which requires a virtuosic performance or a specialized instrument. The third movement served as the opening music for "Firing Line," and the first movement opens with a ritornello that introduces each instrument. For 10 points, name this Bach work, part of a larger gift to the Margrave Christian Ludwig

Answer: Brandenburg Concerto No. 2 in F major

BONI

1. The name originated in a January 1920 article by Henri Collet comparing them to the Russian Five. Answer the following questions about them for the stated number of points.

[5] First, for 5 points, what was the name Collet gave them?

Answer: Les Six or The Six

[10] For 10 points, this earlier French composer was cited by Collet as one of Les Six's largest influences.

Answer: Erik Satie

[15] Now, for 5 points each, name any 3 of Les Six.

Answer: Georges Auric, Louis Durey, Arthur Honegger, Darius Milhaud, Francis Poulenc, and Germaine Tailleferre

2. Given some lines from a poem, name it for 15 points. You will receive 5 if you need the author.

[15] "The sea is calm to-night / The tide is full, the moon lies fair / Upon the straights"

[5] Matthew Arnold

Answer: Dover Beach

[15] "And this green pastoral landscape, were to me / More dear, both for themselves and for thy sake!"

[5] William Wordsworth

Answer: Lines Composed a Few Miles Above Tintern Abbey

3. Identify the following things about the admission of Utah as a state for 15 points each.

[15] When the territory first proposed admission to the Union, it was done so under this name from the Book of Mormon meaning honeybee.

Answer: Deseret

[15] Congress reorganized the Utah Territory in 1882 with this Act, which also provided for the suppression of polygamy.

Answer: Edmunds Act

4. Given a list of countries, give the common thematic element on their flags for 10 points each. For example, if I said "USA and China," you would say "stars."

[10] Denmark, Sweden, Norway

Answer: Scandinavian cross

[10] Sri Lanka, Bhutan

Answer: dragon

[10] Maldives, Mauritania, Pakistan

Answer: crescent moon [do not accept "star" as the Maldives does not have one]

5. Answer the following about the opening acts of the First World War for 10 points each.

[10] Germany's "wheeling" offensive through the Netherlands and Belgium into France was based on this design

Answer: Schlieffen Plan

[10] This French commander's Plan XVII grossly underestimated German strength and called for a general offensive.

Answer: Joseph-Jaques-Cesaire Joffre

[10] Joffre's counterattack in this September, 1914 battle halted the German advance.

Answer: First Battle of the Marne

6. Identify the following metamorphic rocks from descriptions for 15 points each.

[15] It consists of bands of quartz and feldspar alternating with bands of micas and amphiboles. Its grain is very coarse.

Answer: gneiss

[15] Basically metamorphosed limestone, color arises from impurities like clay minerals or silica.

Answer: marble

7. Identify the following characters from "All the King's Men" on a 5-5-10-10 basis.

[5] This southern governor is the central figure in the novel.

Answer: Willie Stark

[5] This aide to Governor Stark is the novel's narrator.

Answer: Jack Burden (either)

[10] Jack is ordered to find some dirt on this judge, who turns out to be his real father.

Answer: Judge Montague Irwin

[10] This Lieutenant Governor tells Adam Stanton about Anne's brief affair with Stark, precipitating the assassination.

Answer: Tiny Duffy (either)

8. Things generally cannot go faster than the speed of light. Answer the following about things that do for 15 points each.

[15] This is a hypothetical particle that travels faster than the speed of light in a vacuum.

Answer: tachyon

[15] If a charged particle (like an electron) travels through a medium faster than the speed of light in that medium, it gives off this bluish glow.

Answer: Cherenkov radiation

9. Identify the following works of political philosophy for 10 points each.

[10] This recent work by John Rawls states that the title concept's main principles are maximum liberty and equal distribution of the opportunity to power and wealth.

Answer: A Theory of Justice

[10] Stating that the natural state is war, a monarchy is the most effective government by which to secure peace.

Answer: Leviathan

[10] Building on the work of Bentham, this John Stuart Mill work advocates a system by which justice is determined through contribution to the general good.

Answer: Utilitarianism

10. Answer the following about the geography of Antarctica for 10 points each.

[10] The largest Antarctic ice shelf, it is home to both Scott and McMurdo stations. A sea with the same name lies next to it.

Answer: Ross Ice Shelf

[10] North and east of the Ronne Ice Shelf lies this body of water, surrounded on the west by the Antarctic Peninsula.

Answer: Weddell Sea

[10] The Weddell Sea's east coast is this largest Antarctic "land."

Answer: Queen Maud Land

11. Answer the following about the Battle of Midway for the stated number of points.

[5] Name any day on which the battle occurred.

Answer: June 3, 4, 5, or 6, 1942

[10] Because Admiral Halsey was in ill health, this Rear Admiral took command of Task Force 16. A class of destroyers is named for him.

Answer: Raymond Spruance

[15] Name any two of the five carriers sunk at Midway – one American, four Japanese. You will receive 5 for one, 15 for two.

Answer: Yorktown, Akagi, Kaga, Hiryu, Soryu

12. 30-20-10, name the work from characters.

[30] Anne-Marie and Dr. Peter Rank

[20] Christine Linde and Nils Krogstad

[10] Torvald and Nora Helmer

Answer: A Doll's House

13. Given the medical condition, name the deficiency that causes it for the stated number of points.

[5] Scurvy

Answer: vitamin C or ascorbic acid

[5] Beriberi

Answer: vitamin B1 or thiamine

[10] Kwashiorkor

Answer: protein

[10] rickets

Answer: vitamin D

14. Answer these questions about Joan of Arc (as a popular subject of eighties song lyrics) for 10 points each.

[10] This synth-heavy outfit, formed by Paul Humphreys and Andy McCluskey, scored two UK top-five hits in the early eighties with "Joan of Arc" and "Maid of Orleans."

Answer: Orchestral Maneouvers in the Dark

[10] In their single "Big Mouth Strikes Again," lead singer Morrissey confides in us "Now I know how Joan of Arc felt."

Answer: The Smiths

[10] Pat Benatar's "Invincible" didn't make reference to Joan of Arc, but this 1985 movie it was taken from, starring Helen Slater and Christian Slater, drew parallels between Joan of Arc and a girl trying to get money to repair her brother's scooter.

Answer: The Legend of Billie Jean

15. Identify the following lab equipment for the stated number of points.

[10] This common glassware has a conical bottom and is often used for reaction mixtures.

Answer: Erlenmeyer flask

[5] Generally made of ceramic, it is used for strong heatings and to melt some soft metals.

Answer: crucible

[5] Used for heating, it mixes gas and air before combustion.

Answer: Bunsen burner

[10] Made of glass or plastic, it is a large container that often has anhydrous calcium chloride in a bottom container. It is used to keep things dry.

Answer: dessicator

16. Identify the following things from "Moby Dick" for 10 points each.

[10] This is the ill-fated ship on which the novel is set.

Answer: Pequod

[10] The first mate on the Pequod, he is the only crewmember to question Ahab's pursuit of the whale.

Answer: Mister Starbuck

[10] Ishmael is rescued by this ship at the novel's end.

Answer: Rachel

17. Identify the following Aztec deities for 10 points each.

[10] This feathered-serpent god was the creator of humans.

Answer: Quetzalcoatl

[10] Quetzalcoatl's twin brother, he is the god of lightning and guides the dead to the underworld, Mictlan. He is also represented by the evening star.

Answer: Xolotl

[10] Mother of the gods, when she was impregnated by a magical ball of feathers, her children revolted and cut off her head.

Answer: Coatllicue

18. 30-20-10, name the artist from works.

[30] "Prisoners at the Front" and "The Foxhunt"

[20] "Northeaster" and "Eight Bells"

[10] "The Gulf Stream"

Answer: Winslow Homer

19. Identify the following British explorers for 15 points each.

[15] He became the first Englishman to circumnavigate the globe, doing so in his ship, "The Golden Hind."

Answer: Sir Francis Drake

[15] While searching for a Northwest Passage, he explored Labrador and Baffin Island and discovered the bay which now bears his name.

Answer: Sir Martin Frobisher

20. Identify the following Supreme Court decisions about religious freedom for 10 points each.

[10] A 1961 decision, the court ruled that public school officials could not lead students in a non-denominational prayer.

Answer: Engel v. Vitale

[10] A 1971 decision, the court ruled that states may provide aid to religious schools, provided the namesake "tests" are met.

Answer: Lemon v. Kurtzmann

[10] A 2000 decision, the court ruled that even student-led prayer at football games was unconstitutional.

Answer: Santa Fe ISD v. Doe