

**Ebowla 2001
Carnegie Mellon University
Packet #10**

11/15/01

TOSSUPS

1. Robert Fechner and John McEntee were the only directors the organization had in its nine-year life. Participation was limited to young, single men hired for six-month terms, and they were paid thirty dollars a month, most of which was sent home. Run by the Agriculture, Interior, Labor, and War Departments, for 10 points, name this New Deal group whose projects included bridges, dams, and parks.

Answer: Civilian Conservation Corps

2. Randall Stross is the consumer technology columnist. Gloria Berger covers Washington politics. The "Washington Whispers" section features weekly quotes and a Tom Toles political cartoon. Its at-large editors are David Gergen and Mort Zuckerman. For 10 points, name this magazine, well known for its annual college guide.

Answer: US News & World Report

3. It may be defined by habitat or behavior, though the latter is more comprehensive. The fundamental one will maximize species growth, while the realized one is a function of environment. Its development limits interspecies competition, and so two species may not occupy the same one. For 10 points, name this ecological concept.

Answer: niche

4. At its height, it had only 8,400 members, but it continues to be active through its New Research Bureau. It continues to publish pamphlets and sponsor lectures as it did after its 1883 founding. Dedicated to incremental socialism, early members included George Bernard Shaw and Sidney Webb. For 10 points, name this group named after the "Delayer" Roman general.

Answer: Fabian Society

5. They have an associated namesake quantum number or "hypercharge" that is conserved for most interactions. Several unified theories speculate that the hypercharge is not conserved at extremely high energy, explaining why speculated proton decay is unobserved. Made of three quarks and gluons, they have half-integral spin, differentiating them from mesons. Nucleons are members of, for 10 points, this subclass of hadrons.

Answer: baryon

6. "Ye who believe in the beauty and strength of woman's devotion, / List to the mournful tradition still sung by the pines of the forest." So begins this poem, the story of two lovers separated after the Acadian expulsion from Nova Scotia. The title character searches for Gabriel Lajeunesse in, for 10 points, what Longfellow work, only to find him dying in her care during an epidemic.

Answer: Evangeline, A Tale of Acadie

7. The first, more vague document invoked the UN Charter four times and called for a five year transitional period of shared sovereignty. The second agreement was concluded by the signing of a permanent treaty on March 26, 1979, guaranteeing safe passage through the Suez canal and the demilitarization of the Sinai. For 10 points, name these 1978 agreements between Anwar Sadat and Menachem Begin.

Answer: Camp David Accords

8. Generally used as the probability of an event diminishes, common applications include traffic flow and communication analysis. The expected value is also its variance. It is noncontinuous because of the factorial term in the denominator. For 10 points, name this type of statistical distribution that approaches normal as the number of trials increase.

Answer: Poussin distribution

9. It was created after Jose Arcadio fled his previous village, having killed a man. Described as Eden-like, no one dies here until the emergence of city government. A banana company strike results in a massacre of many of its citizens. Based on the author's hometown of Aracataca, for 10 points, name this setting of "100 Years of Solitude."

Answer: Macondo

10. Born in 1926 in North Carolina, he studied at Philadelphia's Ornstein School of Music and made his first recordings with Dizzy Gillespie. African sounds influenced his later work as he moved from improvisation to motive development, as in "My Favorite Things." Other works of his include "Crescent," "A Love Supreme," and "Giant Steps." For 10 points, name this jazz saxophonist.

Answer: John William Coltrane

11. Prefixes are used to bring verbs and adjectives into agreement with the subject. Special suffixes are used to designate verb tense. The three most important dialects are Amu, Mvita [EM-vee-tah], and Unguja. Though it now uses roman text, early writings used an Arabic script, and its name comes from an Arabic word for "coastal." For 10 points, name this lingua franca of the Bantu people.

Answer: Swahili

12. He published only two works in his lifetime, one of which was a discussion on Descartes originally intended for a student. His major work was discovered posthumously, and it consists of five parts on God, the mind, emotions, human bondage, and human freedom. The rationalist creator of his "Ethics" and "Tractatus Politicus," for 10 points, name this Jewish Dutch philosopher.

Answer: Benedict Spinoza

13. They can act as Lewis bases, but because their lone pair is sp-hybridized, they are not as basic as amines. Their hydrolysis reactions are important in many organic syntheses, as the base-catalyzed reaction yields carboxylic acids and ammonia, and the acid-catalyzed hydrolysis yields amides. For 10 points, name this functional group consisting of a carbon triple bonded to nitrogen.

Answer: nitrile

14. He has been a hoseboy on "Baywatch." His foster parents were eaten by a bear 22 years ago. He may pass for Barney Frank, Larry Flynt, an older Jonathan Lipnicki, Jerry Garcia, Rosie O'Donnell, Meatloaf, or Louie Anderson. He has shown promise as a mariachi, particularly behind Antonio Banderas. For 10 points, name this man who has been all of this and more as the first Latino cast member on "Saturday Night Live."

Answer: Horatio Sanz

15. While trying to rationalize his actions, he throws a pinecone at a squirrel. Wilson entrusts him with a packet of letters. He abandons the "tattered soldier" after the death of Jim Conklin, embarrassed at his cowardice. The next day, he and Wilson are praised for their valor in retrieving the flag. Often referred to as "the Youth," for 10 points, name this protagonist of "The Red Badge of Courage."

Answer: Henry Fleming (accept early "Youth")

16. He studied at Yale, for which he later designed the Ingalls Hockey Rink. Much of his work was for schools, and he and his father greatly influenced school design. His first solo work was the General Motors Technical Institute, followed by MIT's Kresge Auditorium. For 10 points, name this Finnish-born architect whose plans for the Gateway Arch were executed posthumously.

Answer: Eero Saarinen

17. Originally an economics professor, he was appointed Finance Minister with total control over the economy. He generated consistent surpluses, began developing a national infrastructure, and was made prime minister in 1932. During the next 36 years, he created his "Estado Novo," restructured the constitution, and maintained neutrality through World War II and the Spanish Civil War. For 10 points, name this man who acted as dictator of Portugal.

Answer: Antonio de Oliveira Salazar

18. Its highest point is Mounts Rantekombola, and its deepest is Lake Matana. Surrounded by three gulfs – Tomini on the northeast, Tolo on the east, and Bone on the south, it consists of four large peninsulas, and its largest city is Makassar. Separated from the Philippines by its namesake sea, for 10 points, name this large Indonesian island.

Answer: Celebes or Sulawesi

19. It has been a staunch advocate of Esperanto over the past decades – strange, considering that it has no formalized rituals, services, or ministers. Its texts include "Epistle to the Son of the Wolf" and the "Book of Certitude," both written by Bahauulla and interpreted by Shoghi Effendi. For 10 points, name this religion that believes all religions are equally one, founded in the 19th century in Iran.

Answer: Baha'i

20. The narrator claims that he can neither speak in verse nor alliterate, and that he is will not tell stories, as St. Paul would not approve. Instead, it is a long sermon in prose that discusses the nature of contrition and extrapolates on the nature of the seven deadly sins, perhaps in response to the stories already told. For 10 points, name this final narrative of Chaucer's "Canterbury Tales."

Answer: The Parson's Tale

BONI

1. Identify the following actresses who may or may not have something in common.

[10] Currently playing a mentally disturbed woman in "Don't Say a Word," she provides the voice for Luann on "King of the Hill."

Answer: Brittany Murphy

[10] She has attempted to break out of her typecasting in English period dramas with roles in "Fight Club" and as Ari in "Planet of the Apes."

Answer: Helena Bonham Carter

[10] She plays Meadow Soprano on "The Sopranos."

Answer: Jamie-Lynn Sigler

2. Identify the following things from "Beowulf" for 10 points each.

[10] Beowulf does battle with Grendel in this great feasting hall.

Answer: Heorot

[10] King of the Danes, he built Heorot.

Answer: Hrothgar

[10] During Beowulf's fight with the dragon, he is the only one to aid Beowulf.

Answer: Wiglaf

3. The United Nations World Conference Against Racism, or WCARRDXRI as it is otherwise known, took place between August 31 and September 7, 2001. Answer the following about that conference for the stated number of points.

[5] In what city was the conference held?

Answer: Durban, South Africa

[10] What former Irish president chaired the conference?

Answer: Mary Robinson

[15] The full name of the conference states that it is against racism and three other things, abbreviated RDXRI. Name those three things for 5 points each.

Answer: Racial Discrimination, Xenophobia, and Related Intolerance

4. 30-20-10, name the composer from works.

[30] Kossuth Symphony; Music for Strings, Percussion, and Celesta

[20] Mikrokosmos; The Miraculous Mandarin

[10] Duke Bluebeard's Castle

Answer: Bela Bartok

5. Answer the following questions about an author and his works for the stated number of points.

[10] For 5 points each, name the 19th century French realist author and the name he gave to the entire collection of his work, focused on manners, philosophy, and marriage.

Answer: Honore de Balzac and The Human Comedy (or La Comedie humaine)

[10] This novel, part of The Human Comedy, is about a Mr. Benassis, who becomes a beloved figure in his village through the titular profession.

Answer: The Country Doctor (Le medecin de campagne)

[10] This Balzac novel's title character is Liseth Fischer, an old woman who breaks up the relationship between her niece and a sculptor.

Answer: La Cousine Bette

6. Answer the following about the chemistry of glucose for 15 points each.

[15] Glucose largely exists in this cyclic form generated from an internal reaction of the aldehyde and 5-hydroxy groups.

Answer: hemiacetal

[15] This is the name for the isomers of hemiacetal glucose – it is also the name given to the stereocenter carbon.

Answer: anomers or anomeric

7. He arrived in the US in 1916 and quickly initiated a Back-to-Africa movement through his various organizations. Convicted of mail fraud in 1925, he was deported back to Jamaica. For 10 points each, name –

[10] This controversial “Black Moses.”

Answer: Marcus Garvey

[10] Garvey's umbrella organization for the Back to Africa Movement; it operated the newspaper “Negro World” and the steamship Black Star Line.

Answer: Universal Negro Improvement Association

[10] The largely Jamaican religion in which he is honored as a founding father.

Answer: Rastafarianism

8. Identify the following short stories from brief descriptions for 15 points each. You will receive 5 if you need the author.

[15] A plot to kidnap the son of Ebenezer Dorset backfires, and the criminals are the ones who pay for his return.

[5] O. Henry

Answer: The Ransom of Red Chief

[15] Townspeople prepare for the title event, which ends in the stoning of Tessie Hutchinson.

[5] Shirley Jackson

Answer: The Lottery

9. Identify the physical constants from values and typical symbols for 10 points each.

[10] 6.02×10^{23} ; N

Answer: Avogadro number

[10] 8.85×10^{-12} Farads per meter; epsilon-nought
 Answer: permittivity of free space

[10] 3.8616×10^{-13} meters; lambda
 Answer: Compton wavelength

10. Name these mythical beasts from descriptions for the stated number of points.

[5] It has the head of a man, the body of a lion, and a scaled tail that shoots lethal darts.
 Answer: Manticore

[10] Half horse and half dolphin, it drew Poseidon's chariot.
 Answer: Hippocampus

[5] It has the head of an eagle, body of a lion, and tail of a serpent.
 Answer: Griffin

[10] Part octopus and part sea crab, it is sometimes a giant squid. Either way, it likes to attack Scandinavian ships and eat the sailors.
 Answer: Kraken

11. Answer the following about the English Civil War for 10 points each.

[10] The Long Parliament had this chief advisor to Charles I executed in 1641.
 Answer: Thomas Wentworth or Earl of Stafford

[10] Cromwell's New Model Army soundly defeated Royalist forces at this pivotal 1645 battle.
 Answer: Battle of Naseby

[10] Following a Scottish invasion, Parliament was purged of Presbyterian supporters and was known by this name. It tried and executed Charles in 1649.
 Answer: Rump Parliament

12. Near the core of its theory is the law of Prägnanz. Answer the following about this school of psychology for 10 points each.

[10] Name that school that takes is largely concerned with perception.
 Answer: Gestalt

[10] This man, with Kurt Koffka and Wolfgang Kohler, is considered the founder of Gestalt theory.
 Answer: Kurt Wertheimer

[10] Wertheimer described this phenomenon, associated with the rapid, brief display of images – the mind creates an illusion of motion.
 Answer: phi phenomenon

13. It is the natural recombination of genes during meiosis, and thus ensures that offspring will have a diverse genome. Answer the following questions about this for 10 points each.

[10] First, name that recombination process in which genetic material is transferred between homologous chromosomes.

Answer: crossing over

[10] Crossing over can occur at this point of contact between homologous chromosomes.

Answer: chiasma (accept the plural chiasmata)

[10] Crossing over occurs during this stage of meiosis.

Answer: Prophase I or pachytene (mad props if anyone says "pachytene")

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

[10] The Ramayana was reputedly written by this Hindu poet some 2000 years ago.

Answer: Valmiki

[10] Part of the Ramayana involves Rama's attempts to rescue this consort from this demon king Ravana.

Answer: Sita

[10] To defeat Ravana, Rama enlists the aid of an army of monkey warriors, led by this Monkey King.

Answer: Hanuman

15. Identify the following pre-Columbian civilizations for the stated number of points.

[5] They occupied much of the Yucatan peninsula and built sites like Chichen Itza.

Answer: Maya

[10] Predecessors of the Mayans, this civilization is known for its stone head carvings.

Answer: Olmec

[5] This American desert culture is known for its pueblo constructions in Chaco Canyon.

Answer: Anasazi

[10] Located in south Peru, they were later conquered by the Huari. Their "lines" are reputed to be UFO landing sites.

Answer: Nazca or Nasca

16. Answer the following about recent business deals for 10 points each.

[10] Following disapproval by the EU, this company gave up its bid to merge with Honeywell.

Answer: General Electric

[10] Hewlett Packard recently announced it would acquire this computer company.

Answer: Compaq

[10] Juno merged with this ISP to form United Online, Incorporated.

Answer: NetZero

17. Identify the following art terms that begin with "S" for 10 points each.

[10] A technique of blending colors into one another, eliminating hard lines and lending a sense of movement.

Answer: sfumato

[10] A type of painting in which animals are dressed in human clothing and performing human acts.

Answer: singerie

[10] A method of scratching a surface of one color to reveal that of a different color underneath.
Answer: sgraffito

18. Given two stars, name the constellation in which you will find them. You will receive 5 for one, 10 for two, 20 for three, and 30 for all four.

[*] Antares, Shaula
Answer: Scorpio

[*] Chort, Regulus
Answer: Leo

[*] Arcturus, Izar
Answer: Bootes

[*] Mizar, Dubhe
Answer: Ursa Major or Big Dipper

19. 30-20-10, name the character.

[30] He fakes a high fever in order to remain on a hospital-bound train with Kropp.

[20] He is directly responsible for the stabbing death of Gerard Duval.

[10] He is shot on a day that was, otherwise, "All Quiet on the Western Front."

Answer: Paul Bäumer (either acceptable)

20. 30-20-10, name the man.

[30] Originally a Whig, he helped found the Free-Soil Party, sought the Republican nomination three times, and sought the Democratic nomination in 1868 and 1872.

[20] He was the first Republican governor of Ohio and pledged his 1860 delegates to Lincoln, earning him a cabinet position.

[10] He was Lincoln's Treasury Secretary and, later, the sixth Chief Justice.

Answer: Salmon Portland Chase