

Ebowla 2001
Carnegie Mellon University
Packet #5

11/15/01

TOSSUPS

1. Two copies were dispatched on separate ships with Richard Penn and Arthur Lee, and it was presented in August, 1775. No formal response was given, as the king had not "received it on the throne," although the colonies were soon declared to be in rebellion. Written by John Dickinson, for 10 points, name this letter to King George III that sought to avoid the Revolutionary War.

Answer: Olive Branch Petition

2. Subplots include Trofimov's unsuccessful romance of Anya, and his later return to college. Ephidov loves Dunyasha, but she has an affair with Yasha, who leaves her to return to Paris with Lyobov. Lopahin is a slave who has risen to wealth, and he is the only one who will change the land. For 10 points, name this Anton Chekov play which ends with the sounds of an ax felling the title area.

Answer: The Cherry Orchard (or Vishnovy sad)

3. The name's the same. A Tell located in the Nahr al-Khabur basin in Syria famed for its numerous "eye figurines." An oasis in western Libya, richest in the Fazzan, that boasts 50 artesian wells. The Russian word for "reject," and a former space pirate who flew too close to a star. For 10 points, give the shared name of this character who tries to teach us Italian and is generally incomprehensible on "Space Ghost Coast to Coast."

Answer: Brak

4. Often mistranslated as "double," perhaps because of its hieroglyphic portraying it as two outstretched arms, its exact definition is unknown. Created with the birth of a mortal, it never resides on earth but remains in the eternal realm, possibly as a protector of sorts. Also a manifestation of the gods' personalities, when a man died, he is said to have "rejoined" it. For 10 points, name this third part of the Egyptian soul, with the ba and akh.

Answer: ka

5. He was hunting rabbits with his bare hands when two men visited him with a job offer – Lonzo Wilkinson, with whom he had served in Southeast Asia, and Colonel Clayton Abernathy. Shortly after accepting the position, he was badly injured while rescuing a teammate from a helicopter crash. For 10 points, name this man with black belts in twelve unarmed fighting styles, the mute and scarred G.I. Joe team commando.

Answer: Snake Eyes

6. Bartok wrote two for piano and violin. Stanford's was Irish, Rachmaninov had one "on a Theme of Paganini," and Liszt's were Hungarian. Taking its name from the Greek for "epic poem," it is a one-movement piece based on folk or popular music. For 10 points, name this type of composition that includes Gershwin's "in Blue" and Queen's "Bohemian."

Answer: rhapsody

7. Small, primary alcohols are strongly favored. Because it is reversible at every step in its mechanism, the alcohol is often present in large excess, or the generated water is boiled away. Acid-catalyzed, the first step is the protonation of a carbonyl group. For 10 points, name this reaction of a carboxylic acid and alcohol.

Answer: Fischer-Speier Esterification

8. The prologue is given by Machiavelli, and it opens with the levying of a new Turkish tax. Though the title character is portrayed sympathetically at first, he betrays his town and kills both his daughter and a group of nuns with poisoned porridge. He eventually falls prey to his own trap, falling into a boiling cauldron. For 10 points, name this Christopher Marlowe play which chronicles the fall of Barabas.

Answer: The Famous Tragedy of the Rich Jew of Malta

9. The son of a usurper, he granted concessions to the Riksdag to ensure his ascent. Close association with Axel Oxenstierna produced reforms in central administration and education. He inherited three foreign wars, settling with Denmark in the Peace of Knared, and later seizing much of Livonia before entering the Thirty Years' War. For 10 points, name this "Lion of the North" and Swedish king who fell at the Battle of Lutzen.

Answer: Gustavus Adolphus or Gustav II Adolf

10. They are related to the terpenes, as squalene undergoes several enzymatic reactions to form the gonane nucleus. Widely used as contraceptives, their medical importance is due to their hormonal activity. Centered on a 17-carbon tetracyclic ring, for 10 points, name this class of organic compounds which include bile acids, cholesterol, and anabolics.

Answer: steroids

11. The final scene revolves around a breadboard and the nostalgia it evokes. Laurel Hand comes to New Orleans for her father's eye surgery but must wrangle with his new wife Fay and defend her dead mother. Judge McKelva dies and is buried in Mount Salus, where Laurel confronts the past and Fay's childishness. For 10 points, name this 1972 Pulitzer Prize-winning novel by Eudora Welty.

Answer: The Optimist's Daughter

12. A fire at a Thai RAM factory caused a mild case of it in 1997. Its most recent economy-wide occurrences have coincided with oil difficulties and a loose monetary policy. The money supply expands rapidly as consumers take out loans to cope with higher prices, furthering the cycle. For 10 points, name this type of inflation caused by supply shortages or price hikes.

Answer: cost-push inflation

13. Its primary use today is to understand the workings semiconductors and to measure magnetic field strength. Discovered before the electron, it is explained by the deflection of charge in a magnetic field perpendicular to current. For 10 points, name this production of an electric field within a conductor due to an external magnetic field.

Answer: Hall Effect

[Do not accept "quantum Hall effect" which, though similar, is incorrect.]

14. Partially caused by an animal epidemic that killed a quarter of the nation's horses, its primary cause was a scam. Attempting to sell unfertile land, Jay Cooke created false ads touting areas owned by Northern Pacific Railroad. When the truth leaked, Cooke's company folded, followed by several New York banks, beginning, for 10 points, this financial disaster followed by a four-year depression.

Answer: Panic of 1873

15. Born in 1942, he is a surgeon by trade. A former member of his country's national rugby team, he is also a sixteen-time champion yachtsman, and he appeared in the Mexico City, Munich, and Montreal Games as a yachter. He was heavily favored over Richard Pound and Un Yong Kim to replace Juan Antonio Samaranch. For 10 points, name this new chairman of the IOC.

Answer: Jacques Rogge

16. It did not address the fate of Belgium, Savoy, and Switzerland, nor did it resolve many trade issues. Britain retained Trinidad and Ceylon, renounced claims in Malta and other conquests, and recognized the new French government. Securing a 14-month peace, for 10 points, name this treaty that signaled the end of the French Revolutionary Wars.

Answer: Treaty of Amiens

17. It begins with the heroine defending her dog Ophelia from the scorn of her husband, whom she generally dislikes. Madame Delmare longs for romance and passion, finding it in Raymon, but she later abandons him. The plot strongly parallels the life of its author. For 10 points, name this first novel of George Sand that shares its title with a midwestern state.

Answer: Indiana

18. The Brazillian yellow variety, when heated, turns pink. The Siberian brown may be bleached by light exposure. Formed in acid igneous rock, it is often found with cassiterite, making it a sign of possible tin deposits. For 10 points, name this gemstone, an aluminum silicate complexed with hydrated fluorine, also the November birthstone.

Answer: topaz

19. Hair and nails may not be cut until the first phase is completed and the participant has sacrificed an animal, after which the head is often shaved. The final stage involves throwing 7 stones at 3 pillars representing evil and the final tawah circling of the Kab'ah. It is obligatory to those who are financially and physically capable. For 10 points, name this event that takes place over 6 days around Mecca.

Answer: hajj (prompt on "pilgrimage")

20. The artist's last completed work, 7 horizontal and 5 vertical lines completely cross the canvas. It uses only five colors – red, blue, yellow, white, and grey, and was a departure from the artist's standard black lines with planes of color. Inspired by a fascination with American music, for 10 points, name this Piet Mondrian work which evokes the blinking lights of the title location.

Answer: Broadway Boogie-Woogie

BONI

1. 30-20-10, name the author from works.

[30] Americana; Players

[20] Libra; Underworld

[10] White Noise; Mao II

Answer: Don DeLillo

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

[10] Generally regarded as the father of French sociology, much of his work revolved around social disconnect.

Answer: Emile Durkheim

[10] Durkheim coined this term for social disconnect.

Answer: anomie

[10] In this 1897 work, Durkheim argued that those who perform the title act have low levels of integration with society.

Answer: Le Suicide

3. Identify the following architectural elements of many cathedrals for 10 points each.

[10] A semi-detached curved pier that connects to a wall or arch, providing additional support.

Answer: flying buttress

[10] Often domed and highly decorated, it is a semicircular termination of the choir.

Answer: apse

[10] The main gathering hall of the church.

Answer: nave

4. Answer the following about the Italian Unification for 10 points each.

[10] Meaning "resurrection," this was the name of the political movement for Italian unification in the 19th Century.

Answer: Risorgimento

[10] This king of Piedmont-Sardinia was declared king of all Italy in 1860.

Answer: Victor Emmanuel II

[10] He founded the newspaper "Risorgimento" in 1847, was premier of Piedmont, and was the first prime minister of unified Italy.

Answer: Camillo Benso, Conte di Cavour (either acceptable)

5. Identify these British inventors for 10 points each.

[10] He perfected a steel making process at his Sheffield plant in 1855.

Answer: Sir Henry Bessemer

[10] His invention of the flying shuttle greatly improved textile production.

Answer: John Kay

[10] Though he invented the seed drill, it is unlikely that he played the flute or won the 1989 Hard Rock Grammy.

Answer: Jethro Tull

6. Identify the following poetic devices for 15 points each.

[15] A break in the middle of a line of verse, it breaks the flow after a sensible stop. It is generally with sentences that end mid-verse.

Answer: caesura

[15] Often used in combination with caesura, this is the continuation of a sentence from one line to the next, usually resulting in a "run-on" sound.

Answer: enjambment

7. Answer the following about the Texas War of Independence for 10 points each.

[10] The Texan Army captured San Antonio in this early battle under the command of Ben Milam. It also names the county containing San Antonio.

Answer: Battle of Bexar [BAY-har]

[10] He was commander of the Texan garrison at the Alamo.

Answer: William Barret Travis

[10] A Texan force that had surrendered was summarily executed here on March 27, 1836.

Answer: Goliad

8. His father, a Fianna Chieftain, was killed before he was born, and so his tale is the search for revenge. For 10 points each, answer the following about him.

[10] Who is this hero of Irish legend?

Answer: Finn Mac Cumhail or MacCool

[10] Name the rival clan chief who killed Finn's father, and whom he must defeat.

Answer: Goal MacMorna

[10] Finn gained the wisdom he needed to defeat MacMorna after catching this fish.

Answer: Salmon of Knowledge

9. Identify the following countries whose flags feature the sun for 10 points each.

[10] This Pacific nation's flag features a golden bird flying over the ocean with the sun on the horizon.

Answer: Kiribati [Kiribass]

[10] This European nation's flag features a central yellow sun with 8 rays radiating out over a red field.

Answer: Macedonia

- [10] A yellow sun in a white field smiles over the South American country's flag, which also includes 5 blue stripes.
Answer: Uruguay
10. Answer the following about the tricarboxylic acid (or Krebs) cycle for 10 points each.
- [10] Also important in the formation of succinate, this compound introduces two carbons into the TCA cycle.
Answer: coenzyme A
- [10] Acetyl coA reacts with this final product of the TCA cycle to form citrate.
Answer: oxaloacetate
- [10] This coenzyme, also important in the electron transport chain, oxidizes succinate to fumarate and accepts two hydrogens in the process.
Answer: Flavin Adenine Dinucleotide (FAD, or FADH₂)
11. Answer the following about the geography of Bulgaria for 15 points each.
- [15] Yes, there is a Bulgarian Navy. It is based in Varna, a city on this body of water.
Answer: Black Sea
- [15] The southern region of Bulgaria is covered by this mountain range.
Answer: Rhodope Mountains
12. Identify the following polyatomic ions from their formulas and charges for the stated number of points.
- [5] NO₃, minus 1
Answer: nitrate
- [5] HCO₃, minus 1
Answer: bicarbonate or hydrogen carbonate
- [10] Cr₂O₇, minus 2
Answer: dichromate
- [10] MoO₄, minus 2
Answer: molybdate
13. Name the following songs from 1997 for 10 points each, all of which severely annoyed the question writer while working a summer job.
- [10] New Zealand-based OMC had this "urban soul" hit that states "You wanna know the rest? Hey, buy the rights!"
Answer: How Bizarre
- [10] Mark Morrison followed up on this song about a man released from prison and finding that his woman was unfaithful by ... going back to jail.
Answer: Return of the Mack
- [10] The question writer was more annoyed that no one else knew that Will Smith ripped off "Forget Me Nots" for this song than anything else.
Answer: Men in Black

14. 30-20-10: Name the person.

[30] This politico's first major governmental position was as Minister of Information and Broadcasting under Lal Shastri.

[20] Her 1972 election was ruled invalid, and her government responded with a 2 year state of emergency. She was imprisoned in 1977 on official corruption charges.

[10] This former prime minister of India was assassinated by her Sikh bodyguards.

Answer: Indira Gandhi

15. Identify the following works of Walt Whitman on a 5-5-10-10 basis.

[5] Numerous editions of this collection were published between 1855 and 1892, growing in length with the author's work.

Answer: Leaves of Grass

[5] The first and longest entry in Leaves of Grass, Whitman sounds his "barbaric yawp" in this poem.

Answer: Song of Myself

[10] Whitman wrote this poem reflecting on the death of Lincoln, whose long journey is now done despite falling "cold and dead."

Answer: O Captain! My Captain!

[10] Whitman's only novel, it is a tale of temperance.

Answer: Franklin Evans

16. 30-20-10, name the novel from characters.

[30] Jem Rodney; Molly Farren

[20] Priscilla and Nancy Lammeter

[10] Eppie; Godfrey Cass

Answer: Silas Marner

17. Answer the following about computer keyboards for 10 points each.

[10] Differing from the standard QWERTY keyboard, some typists claim it offers better layout for speed. It was designed by a PC Magazine columnist.

Answer: Dvorak

[10] Usually seen on keyboards made by Sun, this key allows the user to type accented characters first pressing it, then the character and accent mark.

Answer: Compose Character

[10] Keyboards made for this language usually replace the right "Alt" key with one that switches between Roman text, Katakana [ka-TAH-ka-na], and Hiragana [he-RAH-ga-na].

Answer: Japanese

18. Answer the following about a school of philosophy for 10 points each.

[10] Popular in early 20th century American circles, this doctrine stressed action and experience, stating that the best criterion for judging an idea was its usefulness.

Answer: pragmatism

[10] He put pragmatism into words in his work "Pragmatism: A New Name for Some Old Ways of Thinking."

Answer: William James

[10] This politically-minded philosopher and "Instrumentalist" used pragmatism to advocate a democratic populism in works like "School and Society."

Answer: John Dewey

19. It is the highest female voice and lends its name to several high-pitched instruments. Answer the following about it for the stated number of points.

[5] First, for 5 points, name the voice.

Answer: soprano

[5] For another 5 points, the soprano clef has this note on the bottom line of the staff.

Answer: middle C

[10] For 10 points, this type of soprano voice is very agile and florid – parts written for it include the Queen of the Night in "Die Zauberflöte."

Answer: coloratura

[10] Finally, for 10 points, these were males who were artificially kept as sopranos.

Answer: castrati

20. It is a one of the effects of special relativity and gives rise to the infamous "twin paradox." For 15 points each, name –

[15] This phenomenon in which someone in a fast-moving reference frame will age more slowly than those in the stationary frame.

Answer: time dilation

[15] The stationary frame's time is equal to the proper inertial time divided by this quantity.

Answer: Lorentz transformation