

Chicago Open 2013: No Subtext, Just Tacos.

Packet by Greg Peterson's team

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TOSSUPS

1. The first written reference to a version of this practice appears in the writings of Gabriele Fallopio. Charles and Bessie Drysdale founded a “league” dedicated to supporting this practice. In 19th-century England, Charles Bradlaugh and Annie Besant promoted this practice by publishing Charles Knowlton’s *The Fruits of Philosophy*. In Ancient Greece, this practice brought the *silphium* plant to extinction. Again in England, a “constructive” version of this practice was promoted by Humphrey Verdon Roe and his more famous wife, (*) Marie Stopes. This practice was greatly simplified by an invention of John Rock and Gregory Pincus, and was supported by the Malthusian League. For 10 points, name this practice advocated in the United States by Margaret Sanger.

ANSWER: birth control [or contraception; prompt on seeeeeeeexxx? throughout; do not accept or prompt on “abortion”]

2. This man included an essay praising a train driver’s remark that the Muslims who had bombed his train were “people like us” in a book titled for some methods of undermining neoliberalism. This thinker criticized Levi-Strauss for neglecting an element of strategy in gift exchanges that lies in how long the receiver waits before returning the gift. This sociologist argued that “symbolic violence” perpetuates power relations in industrial society based on his studies of the (*) Kabyle people. This author of *Acts of Resistance* found a term for the internalized rules governing the “field” of culture by reworking an Aristotelian concept. In another book, this thinker distinguished between “economic” and “cultural” capital as sources of class conflict and described how different classes develop different tastes according to how they can “defer social interest.” For 10 points, name this French theorist of “habitus” who wrote *Distinction*.

ANSWER: Pierre Bourdieu

3. Two rival hunters in this work agree to duel each other from opposite ends of a bear’s hide, but a Vergil-savvy Tribune cuts the pelt so thin that they end up on opposite sides of a river, unable to harm one another. In this work, a notary and an assessor repeatedly try to prove which of their dogs, Bobtail and Hawk, is better at catching hares. The title character of this work receives a declaration of love from his aunt Telimena on a hill called the Temple of Musing, but upsets her by marrying Telimena’s ward Zosia. This (*) poem features a notable positive portrayal of its Jewish character Jankiel, and its protagonist turns out to be the son of the repentant monk Father Robak. This poem celebrates Napoleon’s invasion of Russia, a cause which ends the feud between the Soplicas and the Horezskos. For 10 points, name this poem about “the last foray into Lithuania,” a Polish national epic by Adam Mickiewicz.

ANSWER: Pan Tadeusz [or Master Thaddeus]

4. This sultan executed his rebellious son Sawji Celebi, simultaneously forcing an allied ruler to pour vinegar in the eyes of his rebellious son Andronicus. This man made his close adviser Kara Halil Hayreddin Pasha the first *kaziasker*, a powerful judge administering military territories. This sultan’s marriage to Czar Shishman’s sister gave him hegemony over Bulgaria; he also made John V Palaeologus his vassal and captured Adrianople, which he made his capital. A Serbo-Magyar coalition that invaded his territory was crushed at the Battle of the (*) Maritsa River. Major innovations he pushed included the “blood tax,” or *devshirme*, used to recruit Christians as Janissary soldiers that he then used in his conquest of the Balkans. Bayezid the Thunderbolt succeeded this ruler after he was stabbed by an enemy soldier pretending to surrender, Milos Obilic. For 10 points, name this Ottoman sultan who won, but was killed at, the 1389 Battle of Kosovo.

ANSWER: Murad I [prompt on “Murad”]

5. The father of the protagonist of this film disowns her by informing her that she is “a cuckoo’s egg,” and an ambulance that hits a sheet of glass is revealed to be carrying her father’s advice-giving security guard. Musical leitmotifs in this film include a techno song that features the line “I wish I was a hunter in search of

different food.” The protagonist of this film ultimately triumphs over a punk with a (*) dog in a stairwell in a recurring animated sequence. The latter two segments of this film both begin with the image of a falling bag transforming into a falling phone. The title character of this film tries robbing a grocery store and a bank before using her ear-piercing shriek to win two consecutive rounds of roulette on the number 20, thus completing her desperate quest to save her boyfriend Manni by finding 100,000 Marks in 20 minutes. For 10 points, name this 1998 German film directed by Tom Tykwer and starring Franke Potente as the title harried criminal.

ANSWER: Run, Lola Run [or Lola rennt]

6. The set of derivations on these mathematical objects is a semisimple Lie algebra of dimension 14; Élie Cartan showed that their automorphism group is the smallest of the exceptional Lie groups. The nonzero members of this alternative algebra form a nonassociative Moufang loop under their namesake multiplication. This number system is the largest normed division algebra; the Fano plane can be used to multiply the units in it. The projective plane over this number system is named for(*) Cayley; one method of constructing them is named for Cayley and Dickson. In this non-associative number system, multiplying any non-identity element of this number system by itself gives the negative of the identity element. The discoverer of this number system was inspired by William Hamilton and used it to express the product of two sums of eight squares as another sum of eight squares. For 10 points, name this system invented by John Graves, an extension of the quaternions.

ANSWER: octonions [prompt on “octaves”]

7. The composer of this work marked the “high points” of the two halves of its second movement in the score, and at one point in this piece the soloist is instructed “audibly and visibly” assume leadership of the orchestral instruments. A late reprise of a key theme in this work is to be played “As if in the distance (but much slower than the first time). That theme, which first appears in the *Allegretto* scherzo section of the first movement, is a quotation of a Carinthian folk song. The first three notes of this work's (*) tone row arpeggiate a G-minor triad, giving this piece both twelve-tone and tonal qualities. The second movement includes a quotation of Bach's harmonization of the chorale melody “Es ist genug,” and this work's soloist enters with a four-note arpeggio on open strings. Like its composer's *Lyric Suite*, this work may contain encoded references to the composer's mistress Hanna Fuchs-Robettin. For 10 points, name this piece dedicated “to the memory of an angel,” a work of soloist and orchestra by the composer of *Wozzeck*.

ANSWER: Alban Berg's Violin Concerto

8. In one story, Hadrian's nephew Onkelos prevented some Roman guards from killing him by kissing one of these objects and explaining its meaning. This object displays a Caesar cipher such that, when each letter is replaced with the previous letter of the alphabet, it reads “The Lord, God, the Lord.” A ritual involving this object is to touch it and then kiss the fingers one used to touch it. Among the Samaritans, this kind of object was a large stone slab. This object is often used in the *Chanukat HaBayit* ritual. Rashi and Jacob Tam disagreed over whether this object should be (*) oriented horizontally or vertically, so it is usually set at a diagonal; it is also inset with the letter *shin*. The text of the *Shema*, along with part of Deuteronomy 11, is written on a piece of parchment held in this type of object. For 10 points, name these scroll-containing items affixed to the doorposts of Jewish households.

ANSWER: mezuzah [or mezuzot]

9. Cendrin et. al showed that when an enzyme named for this compound contained an R102Q mutation, it acquired lactate dehydrogenase activity, and that enzyme named for this compound contains highly conserved R102 and R171 residues that aid in substrate orientation. It is not isocitrate, but a different enzyme named for this compound catalyzes a condensation reaction between acetyl-CoA and glyoxylate. This compound is decarboxylated to pyruvate to provide a source of (*) carbon dioxide in C4 photosynthesis, and the product of PEP carboxylase is reduced to form this compound, which is then stored in the vacuole, in Crassulacean Acid Metabolism. That product is oxaloacetate. Formed from fumarate in the Krebs Cycle, for 10 points, name this compound which is exchanged with alpha-ketoglutarate to regenerate reducing equivalents in its namesake mitochondrial shuttle with aspartate.

ANSWER: malate [accept malate dehydrogenase, accept malic acid, do not accept “maleic acid” or “malonic acid”]

10. In one scene in this novel, a man teaches naked women the English words for parts of their body while the central female character looks on. Another character in this novel tries to seduce a woman while her husband, the baker Jaada, is away at the baths, but has objects thrown at him when he flashes her. A cafe-owner in this novel claims that he is out late at night because he is smoking hashish while his wife chews him out for sleeping with young boys. In this novel, the recently-remarried Saniya Afify is horrified to learn that the cripple-maker Zaita helps Dr. Booshy steal gold (*) teeth from dead bodies. This novel appropriately closes with the wise Sheikh Darwish spelling the English word "end." The protagonist of this novel is beaten to death by British soldiers after throwing a glass at a prostitute, his former love Hamida. That character is the barber Abbas. For 10 points, identify this Naguib Mahfouz novel titled after a street in Cairo.

ANSWER: Midaq Alley [or Zuqaq al-Midaq]

11. This artist designed a papal tomb in which sculptures of Charity and Justice flank a bronze sarcophagus that a skeleton pops out of to write the Pope's name in a book. Two bodiless-but-somehow-winged putti look over a dying woman with her hands to her chest in this man's sculpture of Ludovica Albertoni in the Altieri Chapel. Louis XIV commissioned an equestrian sculpture of himself from this artist, but it so displeased the king that he put it in his garden as a statue of Marcus Curtius. This artist left behind many wax and terracotta (*) *bozzetti* that he made as miniatures of his work, and he used an oval plan for the Sant' Andrea al Quirinale church. This man sculpted a bearded black man sitting on a bunch of coins next to an armadillo in a large group that also features a man with a cloth over his head; over that group, this designer of the Cornaro Chapel placed a large, dove-topped Egyptian obelisk. For 10 points, name this Italian Baroque sculptor of the *Fountain of the Four Rivers*.

ANSWER: Gian Lorenzo Bernini

12. In the 1930's, this state was governed by an opponent of the "Three C's: Corporations, Carpetbaggers, and Coons"--that governor was noted alfalfa aficionado Bill Murray. The "Mark Twain of Socialism," Oscar Ameringer, evangelized for this state's extremely powerful Socialist Party, which ended up disbanding after a failed revolt against the World War I draft whose supporters consumed a namesake food on John Spears' farm. The Green Corn Rebellion rose up in this state, whose largest city was where shoeshiner (*) Dick Rowland fatefully stepped on Sarah Page's foot. This was the home state of comic personality Will Rogers. The editorial "To Lynch Negro Tonight" helped spark a riot in this state that destroyed the "Black Wall Street," Greenwood, in 1921. For 10 points, name this southern state where 168 people died after the Alfred P. Murrah building was bombed by Timothy McVeigh.

ANSWER: Oklahoma

13. Edward Pococke translated one philosophical narrative from this language in which a boy is confused by his lack of horns after being raised as the only human with a herd of deer. That boy has a name in this language meaning "Alive, son of Awake," and thinks up increasingly abstract truths on a desert island. A school of thought in this language believed that the mind could have actual, acquired, passive, and active states per its theory of the "four intellects." The Latin name *Philosophus Autodidacticus* was given to a translation of this language's founding philosophical novel. Another thinker used this language to doubt the Biblical size of (*) 600,000 people in Moses's army, and wrote that sedentary empires gradually lose their group solidarity, dissolving in the face of surrounding nomads. For 10 points, name this language used by ibn Tufail and ibn Khaldun.

ANSWER: Arabic language [or al-arabiyyah]

14. One work by this author compares the Christian idea of original sin with a story from the Arabian Nights of a princess who let a genie escape by failing to eat one seed of a pomegranate. In another of his works, the bas-relief of a Dying Trumpeter comes to life and freezes the narrator in time to prevent him, riding through the graveyard of Campo Santo, from crashing into a young girl. This author wrote about dreams in which Mater Lachrymarum, Mater Suspiriorum, and Mater Tenebrarum appeared before him along with the Roman goddess of childbirth. A so-called "Dream-Fugue" concludes one of his writings, which opens by extolling "The (*) Glory of Motion." This author of "Levana and Our Ladies of Sorrow" satirically compared John Williams to "Michelangelo in painting" in a piece purporting to be a "found" lecture given at an analogue to the Hellfire Club. For 10 points, name this essayist of *Suspiria De Profundis*, "The English Mail-Coach", and "On

Murder Considered as One of the Fine Arts,” a friend of Samuel Taylor Coleridge who wrote *Confessions of an English Opium Eater*.

ANSWER: Thomas Penson de Quincey

15. In one myth, this god transformed a bunch of stones into an army to help his son defeat the army of Uscovilca; another son saw this god with a lion between his legs and snakes around his arms in a reflective crystal that fell into a pool. Chastity-bound women dedicated to this deity were called the *acclas*. An image of this deity was the centerpiece of the “Golden Enclosure.” This god sent the four Ayars down to earth, instructing one of them to found a city wherever his (*) gold staff sank into the ground. A huge festival honored this god with burnt pack animals on the winter solstice and was called his “Raymi.” Also called Apu-Punchau, this god was married to the moon goddess Mama Quilla and was considered the father of the emperor Manco Capac. For 10 points, name this son of Viracocha often depicted as a disk from which fiery rays extend, since he was the Incan sun god.

ANSWER: Inti [or Apu-punchau before mention]

16. One way of expressing this equation separates the positively and negatively charged free states so that they become basis elements and was formulated by Villars and Feshbach. In the time-independent case, this equation becomes the screened Poisson equation. Weisskopf and Pauli showed that this equation describes a spin-zero scalar field. An equation related to this equation that uses the sine function instead of a constant multiplier is one of the few exactly solvable equations with soliton solutions. Any component of any solution to the (*) Dirac equation is a solution to this linear equation. One major problem with using this equation originally was the fact that a naïve physical interpretation is indefinite probability density. This equation states that the mass squared times the wavefunction is equal to the negative d'Alembertian acting on a wavefunction. For 10 points, name this relativistic analogue of the Schrodinger equation.

ANSWER: Klein-Fock-Gordon equation [require both underlined parts; prompt on “Sine-Gordon” at any point because I’m nice]

17. In one painting from this country, naked men and women lie sleeping in the perimeter around the artist, who recoils from a hooded representation of death apparently rising from his genitals. This country’s currency once proudly displayed *The Woodcutter*, a work of art by the painter of *The Night*, Ferdinand Hodler. An artist born in this country moved to England and became famous for painting the interiors to Robert Adam buildings; a paragon of Roman virtue gestures toward her sons after being asked where her jewels are in that painter’s (*) *Cornelia, Mother of the Gracchi*. In addition to that noted female Neoclassicist, this country is also home to the Symbolist painter of *Self-Portrait with Death Playing the Fiddle*, who depicted a man rowing to a rocky island with dark, towering cypress trees in *The Isle of the Dead*. For 10 points, name this European country whose artists include Angelica Kauffmann and Arnold Bocklin in addition to the painter of *The Nightmare*, Henry Fuseli.

ANSWER: Switzerland

18. Mutations in the *ALDH4A1* gene are responsible for deactivation of a dehydrogenase whose substrate is a derivative of this compound, and hence cause the second type of the disease in which this compound is not properly metabolized. In 2000, the Barabas group explored an intramolecular reaction catalyzed by this compound that produced the Wieland-Miescher ketone asymmetrically. In addition, this compound is a catalyst in the asymmetric Hajos-Parrish reaction. Further, the catalyst for a particular asymmetric reduction involving boranes is synthesized using this compound as a precursor; that reaction is the CBS reduction. In the ninhydrin test, this molecule is the only compound of its type that turns bright yellow instead of the characteristic purple. FTP, name this amino acid with a secondary amine group, which has a well-known hydroxy-derivative that is a major component of the protein collagen.

ANSWER: proline [accept L-proline]

19. In Act IV of *this play*, a woman swears on her boyfriend’s mother’s lucky cross that he is the only man she ever loved, but scares him by revealing she is not Catholic and her oath might not count. This play’s protagonist says, “[Fog] makes me feel clean...as if I’d taken a bath” while standing on a barge. The protagonist of this play reveals she ran away from her cousins’ farm at age 16 after the youngest cousin, Paul, gave her “the wrong start” by raping her. The protagonist of this play first appears in (*) Johnny-the-Priest’s

Saloon, where she chats with Marthy Owen after asking for “A whisky--ginger ale on the side. And don’t be stingy, baby!” In this play, an old sailor who frequently sings of “My Yosephine” and curses “dat ole davil sea” becomes frightened of his daughter’s love for the Irish stoker Mat Burke. For 10 points, name this Eugene O’Neill play titled for a former prostitute who reunites with her father Chris Christopherson.

ANSWER: Anna Christie

20. This emperor backed up Archbishop Kollonich’s policy of re-instituting Catholicism via forcible conversion. Leading members of the Zrinski, Frankapan, and Wesselenyi families were executed for partaking in the ill-planned “Nobles’ Conspiracy” to kidnap this emperor. This emperor somehow ended up paying tribute to the Ottomans in the Peace of Vasvar after his general, Raimondo Montecuccoli, crushed an Ottoman army at the Battle of St. Gotthard. Internal troubles plaguing his reign included the *kuruc* rebels marauding his lands, particularly during the rebellion of Imre (*) Thokoly. This emperor’s forces won the Battle of Zenta under his best general, Eugene of Savoy, allowing him to take over most of Hungary from the Turks in the Treaty of Karlowitz. This emperor repeatedly aligned himself with William III of England to check the expansionism of Louis XIV. For 10 points, name this Habsburg who ruled the Holy Roman Empire for the latter half of the 17th century and shares his name, but not his number, with a Congo-exploiting King of Belgium.

ANSWER: Leopold I [do not accept or prompt on “Leopold II”]

21 [Tiebreaker]. Some participants in this event made up fake arrest warrants for the mayor and governor of the place where it took place. This event was preceded by an attack on Giuseppe Stanzione’s house in a nearby city, the Kendal Street Affair, which caused many residents to express their support for Orville Hubbard. Tensions leading up to it stemmed in part from the destruction of (*) Black Bottom, and the Breakthrough organization was formed to continue those tensions. Many participants in this event were killed by snipers, leading to a search of the Algiers Motel that killed innocent people. After the conclusion of this event, it was noted that “Today, we stand upon the ashes of our hopes” by the mayor who had resisted deploying the National Guard, Jerome Cavanagh. For 10 points, name this 1967 riot that was eventually ended after George Romney sent in troops.

ANSWER: 1967 Detroit race riot [or any equivalent that mentions rioting in Detroit; accept 12th Street Riot]

BONUSES

1. It was developed, in part, by Michel Callon and John Law. For 10 points each:

[10] Name this approach that explains relationships between people in an organization or society, which gives equal emphasis to the roles played by human and nonhuman actors according to the “principle of generalized symmetry.”

ANSWER: **Actor-network** theory [or **ANT**]

[10] Actor-network theory was also developed by this French sociologist of science who discussed ANT and black boxes in *Science in Action*. He collaborated with Steven Woolgar on *Laboratory Life*.

ANSWER: Bruno **Latour**

[10] In *Les Microbes*, Latour discussed the politics of the spread of the germ theory of disease, which was formulated by this scientist who also disproved spontaneous generation.

ANSWER: Louis **Pasteur**

2. Answer these questions about Mormon customs, for 10 points each.

[10] Monday nights are reserved for this homely Mormon practice, in which parents and children sit down, discuss Gospel lessons, and sing hymns to strengthen their familial bonds.

ANSWER: **Family Home Evening** [or **FHE**]

[10] Mormons have taken flak for applying this rite *en masse* to dead people, including Anne Frank.

ANSWER: posthumous **baptism**

[10] During the dedication of a temple, Mormons perform this rite. It consists of waving white handkerchiefs while crying out a certain word in unison to celebrate the temple’s completion.

ANSWER: the **Hosanna Shout** [or equivalents, like **shouting Hosanna**]

3. This ruler owned a mechanical toy depicting a tiger devouring a white man that was taken by the British after the Siege of Seringapatam. For 10 points each:

[10] Name this eldest son of Hyder Ali. Known as the “Tiger of Mysore,” he resisted the British during the Fourth Anglo-Mysore War.

ANSWER: **Tippu Sultan** [or **Fath Ali**, prompt on “**Ali**”]

[10] This colonel, a brother of the Governor-General of India, commanded a reserve column at Seringapatam. He may be more famous for winning the Battles of Vitoria and Salamanca during the Peninsular War.

ANSWER: Arthur **Wellesley**, 1st Duke of Wellington [or Duke of **Wellington**]

[10] Wellington claimed his hardest-won battle was this one from the Second Maratha War, which hobbled the armies of Scindia and Berar and allowed for further British expansion in the Deccan.

ANSWER: Battle of **Assaye**

4. This thinker reversed the title of a work by G. H. von Wright for his book *Understanding and Explanation*. For 10 points each:

[10] Name this founder of “transcendental pragmatics”, an opponent of Karl Popper and co-founder of discourse ethics who separated himself from his colleague by developing a doctrine of rationally definitive justification, or *letztbegründung*.

ANSWER: Karl-Otto **Apel**

[10] Apel developed discourse ethics with this other Frankfurt School philosopher, the author of *The Theory of Communicative Action*.

ANSWER: Jürgen **Habermas**

[10] In *The Theory of Communicative Action*, Habermas borrowed this term from phenomenology to describe humanity’s subjective perception of the universe, as opposed to the objective “system.” Habermas argued that this realm is “colonized” by “the system.”

ANSWER: the **lifeworld**

5. In this play, the lingerie-clad Brooke Ashton stays perfectly in character and sticks to her lines, in order, no matter what else happens around her. For 10 points each:

[10] Name this “farce from behind” centering on the rehearsal and performance of the play *Nothing On* by Robin Housemonger.

ANSWER: Noises Off!

[10] *Noises Off!* is a work of this British playwright and novelist of the Booker-shortlisted *Headlong* who dramatized a meeting between Niels Bohr and Werner Heisenberg in *Copenhagen*.

ANSWER: Michael Frayn

[10] Much of the early action of the play-within-a-play focuses on the exits and entrances of this prop, which is eventually dumped on Dotty’s head.

ANSWER: a plate of sardines [prompt on “fish”]

6. FAB class 2 patients may show chloromas indicative of a “blast crisis” in one form of these diseases, for 10 points each:

[10] Name this subclass of leukemias in which an abundance of granulocyte precursors are present. They are contrasted with lymphocytic leukemias.

ANSWER: myelogenous or myeloblastic or myeloid [prompt on “nonlymphoblastic”, prompt on “granulocytic”]

[10] This chromosomal abnormality is present in the majority of patients with chronic myelogenous leukemia. It results from the fusion of the BCR and ABL genes and is targeted by drugs like Gleevec.

ANSWER: Philadelphia Chromosome

[10] Another drug used in chemotherapy regimens for leukemia is this alkaloid notable for having one hundred percent mortality if accidentally injected intrathecally.

ANSWER: vincristine [accept Oncovin or leurocristine]

7. This painter’s dreamy scenes inspired by fantastical literature included *Siegfried and the Rhine Maidens* and *Forest of Arden*. For 10 points each:

[10] Name this 19th-century American artist who painted a snake slithering on the outskirts of a dusty racetrack in *Death on a Pale Horse*.

ANSWER: Albert Pinkham Ryder

[10] In this Ryder painting, a blindingly bright God the Father holds a sphere while looking down at the horrendous waves pummeling a boat full of people as a monster approaches.

ANSWER: Jonah

[10] Ryder closely studied the work of this French painter of many *Souvenirs* and *Hagar in the Wilderness*, who also greatly developed landscape painting with his depictions of his residence at Ville d’Avray.

ANSWER: Camille Corot

8. This result states that no poloidal or toroidal magnetic field can be maintained by dynamo action. For 10 points each:

[10] Name this result attributed to Cowling, the earliest of a class of theorems that states that successful dynamos possess a low degree of symmetry.

ANSWER: Cowling anti-dynamo theorem

[10] Anti-dynamo theorems are some of the main theorems in this field, which studies the interactions of electrically conducting fluids with an electromagnetic field. It is closely related to plasma physics.

ANSWER: magnetohydrodynamics [accept MHD; accept hydromagnetics for really old school people]

[10] The tokamak is an MHD system whose toroidal magnetic field tends to stabilize the plasma against these two instabilities. One of them results in oscillatory pinches of the column radius and the other appears as a displacement of a part of the column. Name both.

ANSWER: sausage and kink instabilities

9. Answer some questions about some mighty strange New York based artists from the 1980s, for 10 points each:

[10] This graffiti artist based many of his paintings, such as *Irony of the Negro Policeman*, around a solitary person or, as in *Untitled (Skull)* and *Helmet*, around a head, before his death from speedballing at age 27.

ANSWER: Jean-Michel Basquiat

[10] This photographer took many self-portraits, mostly in the nude or with the background or her hair blurred, before her suicide at age 22. The few pictures to which she gave a title include "Polka Dots" and a series showing her with an Eel.

ANSWER: Francesca **Woodman**

[10] Another wacky female photographer, Cindy Sherman, is best known for this set of 69 black-and-white photographs depicting herself posing as different feminine stereotypes from cinema.

ANSWER: **Untitled Film Stills**

10. During this man's execution, he roasted to death on a smoldering throne while his companions were forced to eat his cooked flesh. For 10 points each:

[10] Identify this commander chosen to lead a crusade of peasant soldiers against the Turks. He and his army of enraged peasants decided to try to massacre the Hungarian nobility in a 1514 rebellion instead.

ANSWER: Gyorgy **Dozsa**

[10] Gyorgy Dozsa's rebellion crippled the Hungarian monarchy just in time for Suleiman the Magnificent to conquer it at this battle, which saw the death of Hungarian king Louis II.

ANSWER: Battle of **Mohacs**

[10] This man suppressed Dozsa's rebellion with Istvan Bathory. He ascended to the Hungarian throne after the Battle of Mohacs and kept the throne from Archduke Ferdinand with the help of Suleiman the Magnificent.

ANSWER: John **Zapolya** [or **John I**]

11. Recently, organometallic compounds have become more popular as both reagents and catalysts in organic chemistry. FTPE:

[10] Name these organometallic compounds that are reagents in the Kumada cross-coupling reaction and form from the reaction of magnesium metal with aryl or alkyl halides.

ANSWER: **Grignard** reagents

[10] Although the addition of Grignard reagents to amides generally results in the formation of tertiary alcohols or amines, these special amides, named for their American creator, form ketones upon reaction with Grignards or organolithium reagents. They are formed from the reaction of acyl chlorides with an amine with methoxy and methyl substituents. The N-methoxy group on the resulting amide forms a persistent chelate with a Grignard reagent after a single addition is completed; this chelate is hydrolyzed at low temperatures free of nucleophiles to yield the ketone.

ANSWER: **Weinreb**-Nahm amides

[10] Name this palladium-catalyzed cross-coupling reaction, applied to the synthesis of antifungal Papulacadin D, which involves the reaction of an aryl or alkyl halide with an aryl alkyl silane in the presence of fluoride ions to form the coupled product.

ANSWER: **Hiyama** coupling

12. Every day, this character tells a confusing story involving an idiot and a trunk full of rice that he periodically restarts with the line "Then at last we arrived." For 10 points each:

[10] Identify this character who also humors his wife, who may be named Semiramis, by "imitating the month of February."

ANSWER: the **Old Man**

[10] The Old Man and the Old Woman greet invisible guests and wait for a deaf-mute Orator to deliver the Old Man's message in this play by Eugene Ionesco.

ANSWER: *The* **Chairs**

[10] In *The Chairs*, the Old Woman reprimands a soldier with this designation for dropping cigarette butts on the floor. The title character of Ionesco's *The Killer* shows his victims a picture of a soldier of this designation.

ANSWER: a **colonel**

13. The premiere of this work was the only time the pianist Sviatoslav Richter ever conducted an orchestra professionally, and the finale quotes Vladimir Zakharov's song "Be Healthy." For 10 points each:

[10] Name this revision of the composer's earlier Cello Concerto, op. 58, one of the last large-scale orchestral works by Sergei Prokofiev.

ANSWER: **Symphony-Concerto** in E minor, op. 125 [or **Sinfonia concertante**]

[10] Prokofiev revised the earlier cello concerto at the urging of this celebrated Soviet cellist, to whom he dedicated the completed work. This musician was married to the soprano Galina Vishnevskaya and produced several recordings with Benjamin Britten on piano.

ANSWER: Mstislav **Rostropovich**

[10] Another orchestral work by Prokofiev was this one that replaced the traditional third-movement minuet with a gavotte. This D-major work was written in imitation of the style of Haydn.

ANSWER: **Symphony** no. **1** in D major, op. 25 [or the "**Classical**" Symphony]

14. This poet asked, "If the spirit was just, why did the maid weep?" in a poem about a "stern spirit" who prevents a girl from laying flowers at the grave of a wicked man. For 10 points each:

[10] Identify this writer. In another of his poems, a man cries "Sir, I exist!", but the universe replies that "the fact has not created in me a sense of obligation."

ANSWER: Stephen **Crane**

[10] The speaker of Stephen Crane's "In the Desert," sees a "creature, naked, bestial" devour its own heart. The creature says that he eats his heart because it has this quality "and because it is [his] heart."

ANSWER: **bitterness**

[10] This Stephen Crane novella concerns a "girl of the streets" who becomes a prostitute after being left by her lover Pete.

ANSWER: **Maggie**: *A Girl of the Streets*

15. This event occurred when the Peacemaker gun failed. For 10 points each:

[10] Name this explosion on a navy ship during demonstrations for visiting dignitaries that killed 6 people, including Secretary of State Abel Upshur and Secretary of the Navy Thomas Gilmer.

ANSWER: **USS Princeton** explosion [or equivalents]

[10] The *Princeton* disaster occurred after Robert Stockton replaced the gun designed by this naval engineer with his own. In addition to designing the *Princeton*, this man designed the *USS Monitor*.

ANSWER: John **Ericsson**

[10] The *Princeton* explosion spared this president because he stayed below deck a few minutes longer than the rest of the visiting dignitaries. He appointed John C. Calhoun to replace Upshur.

ANSWER: John **Tyler**

16. This hero disguised himself as a woman grinding corn to escape his foster-father's hall; later, he fell in love with Sigrun, a daughter of King Hogni. For 10 points each:

[10] Identify this hero, who earned his epithet when he avenged his father Sigmund by killing Hunding, king of the Saxons.

ANSWER: **Helgi** Hundingsbane

[10] Helgi's wife Sigrun was one of these warrior-women from Norse mythology who took dead heroes from the battlefield to Valhalla.

ANSWER: **Valkyries**

[10] In another episode, Sigmund narrowly escapes death at the hands of his brother-in-law Siggeir's mother, who transforms into one of these beings every night to kill one of the children of Volsung. Sigmund kills her by biting her tongue off as she tries to eat the honey off of his face.

ANSWER: a she-**wolf**

17. Answer the following about literature of the Vietnam War, for 10 points each.

[10] *In Pharaoh's Army*, a book describing Tobias Wolff's service in Vietnam, picks up at the end of this memoir by Wolff. It begins with Tobias and his mother heading to Utah to make money mining uranium.

ANSWER: **This Boy's Life**

[10] Author of the collection *Dien Cai Dau* and the Pulitzer-winning *Neon Vernacular*, this African-American Vietnam vet described his experience contemplating the Vietnam Veterans' Memorial in the poem "Facing It."

ANSWER: Yusef **Komunyakaa**

[10] Another Vietnam veteran, Tim O'Brien, wrote this story collection, in which Jimmy Cross blames himself for Kiowa's death. It includes stories like "The Man I Killed" and "The Lives of the Dead".

ANSWER: *The* **Things They Carried**

18. Anthony de Francisci designed one of these coins to commemorate the end of World War I. For 10 points each:
[10] Name this type of coin. Christian Gobrecht designed a version of this coin depicting a Seated Liberty, while the Morgan variety of this coin was minted after the passage of the Bland-Allison Act.

ANSWER: silver dollar [prompt on “dollar” or “dollar coin”]

[10] An exceedingly rare silver dollar was accidentally printed with the year 1804 instead of 1803. In 1803, Thomas Jefferson was re-elected to the presidency over this Federalist candidate.

ANSWER: Charles Cotesworth Pinckney

[10] Joe habitually tosses silver-dollars through the door for his wife Missie May to pick up in this Zora Neale Hurston story about Missie May’s brief affair with the supposedly-wealthy Otis Slemmons.

ANSWER: “The Gilded Six-Bits”

19. Alexander III’s May Laws targeted these people, who were, in the next century, often called *refuseniks* after unsuccessfully applying to emigrate. For 10 points each:

[10] Identify this ethnic group within Russia that Catherine the Great restricted to the Pale of Settlement.

ANSWER: Russian Jews

[10] Eastern European Jews commonly lived in these small, Yiddish-speaking villages found in Poland-Lithuania and, later, the Pale of Settlement.

ANSWER: shtetls [or shtot]

[10] This term was given to the young Jewish children forcibly and disproportionately conscripted into the Russian army. Often abducted by *khapers*, they were educated in namesake military “schools” designed to force them to become Christians.

ANSWER: Cantonists

20. He was remarkably prolific for a mathematician who didn’t really exist, publishing the Elements of Mathematics series and advocating an axiomatic approach. For 10 points each:

[10] Name this group of French mathematicians who first met in 1934 to discuss writing a new analysis textbook. Some important early members included Jean Dieudonné and André Weil.

ANSWER: Nicolas Bourbaki

[10] This later member of the Bourbaki group co-authored Homological Algebra with Henri Cartan. He names a type of topological space with frequent collaborator Saunders Mac Lane, with whom he co-founded category theory.

ANSWER: Samuel Eilenberg

[10] This other member of Bourbaki, the youngest ever to win a Fields Medal, would use Eilenberg-MacLane spaces to kill homotopy groups. His doctoral dissertation introduced an important spectral sequence now named for him and Jean Leray.

ANSWER: Jean-Pierre Serre

21 [Tiebreaker]. Events during this month of this year began when the University of Paris at Nanterre shut down. For 10 points each:

[10] Name this month and year, during which student and union protesters nearly turned France Communist and forced de Gaulle to temporarily flee the country.

ANSWER: May, 1968

[10] During May, 1968, Jacques Chirac and other representatives of the Pompidou government agreed to this agreement, which raised the minimum wage. It failed to end the demonstrations.

ANSWER: Grenelle Agreements [or Grenelle Reports, or Grenelle Accords, or Accords de Grenelle]

[10] Parisian student protesters drew inspiration from the protests organized by this man at Berkeley. A leader of the Free Speech Movement who came to prominence for standing on top of a police car, he gave the Bodies Upon the Gears speech.

ANSWER: Mario Savio