

Chicago Open 2013

Packet by Charles Hang

Edited by Matt Bollinger, Libo Zeng, Sriram Pendyala, Dennis Loo, Sinan Ulusoy, and Kevin Koai, with invaluable contributions by Matt Jackson

### Tossups

1. One section of this poem imagines that men with preternatural senses of smell and hearing would “die of a rose in aromatic pain” or wish they could only hear “the whispering Zephyr, and the purling rill.” This poem discounts the importance of renown by calling Bacon the “wisest, brightest, meanest of mankind” and asserting that Cromwell is “damned to everlasting fame.” This poem praises a “poor Indian” whose “faithful dog” will guide him to a heaven where “No Fiends torment, no Christians thirst for gold!” This poem argues that “all are but (\*) parts in one stupendous whole” in advising its subject not to break a “vast chain of being, which from God began.” This poem advises its addressee, Lord Bolingbroke, to “know thyself, presume not God to scan,” and is the source of the line “hope springs eternal in the human breast.” For 10 points, name this poem in four epistles, written to “vindicate the ways of God to man” by Alexander Pope.

ANSWER: “An Essay on Man”

2. This scientist is the first namesake of a set of crystals present in parasitic infections due to the breakdown of eosinophils and, while he is not Berry, a set of small vessel aneurysms supplying the basal ganglia and predisposing to stroke are named for him and Bouchard. This scientist was the first to elucidate a consequence of diabetic neuropathy in which midfoot collapse leads to the “rocker-bottom deformity”, and Raynaud added (\*) hypotension and altered mental status to a set of diagnostic criteria for ascending cholangitis devised by this man. This scientist performed a set of experiments at the Salpetriere Hospital in which he concluded that susceptibility to hypnosis was a symptom of hysteria. Jaundice, fever and right upper quadrant abdominal pain are his namesake “triad”, and, while he is not German, he also described a rare condition where a patient no longer has the ability to dream following a stroke. For 10 points, name this French scientist who names a peripheral neuropathy with Pierre Marie and Howard Henry Tooth.

ANSWER: Jean-Martin Charcot [accept Charcot-Leyden crystals, Charcot-Bouchard aneurysm, Charcot’s joints, Charcot’s triad]

3. The title character of this work repeatedly utters the single line “Justice holds the lifted scale” while two harlots bicker in the trio “Words are weak.” A series of three brief choruses in this work’s third act, including “Draw the tear from hopeless love,” is meant to demonstrate the capacity of music to rouse different passions. This work’s final chorus, “The name of the wicked,” is sometimes cut and replaced with the more rousing penultimate chorus, “Praise the lord.” Act I of this work ends with the choir wishing peaceful slumber upon the title character and his queen in the chorus “May no rash intruder.” Two flutes represent the birds that give that movement its nickname, the (\*) Nightingale Chorus. The melody of the most famous excerpt of this work begins with the repeating arpeggio figure B-flat – F – D – F. That piece, the sinfonia to Act III, is commonly known as the “Arrival of the Queen of Sheba.” For 10 points, name this oratorio by George Frideric Handel about a king of Israel and son of David.

ANSWER: Solomon, HWV 67

4. In one story, this man meets Zangara, who, in the form of a bull, tells him to sacrifice a bull and two goats. That incident occurs after this man falls ill and placed in a location with food that can serve as either provisions or grave goods. In a sequel to that story, he gains super speed after feeding a lion-headed eagle, which allows him to serve as a messenger for Inanna. Those stories which see this hero serve as a soldier in his predecessor’s war against the ruler of Aratta are those of this man “in the Mountain Cave” and this man “and the Anzu Bird.” The oil filled horns of the Bull of Heaven were presented as an offering to this successor to Enmerkar, who, though not Marduk, is sometimes said to have killed (\*) Zu to gain the Tablets of Destiny.

This husband of Ninsun provided the mortal third to a man who was two-thirds divine through his father Shamash. For 10 points, name this second and longest reigning ruler of Uruk, the father of Gilgamesh.

ANSWER: Lugalbanda

**5. In this city, the collapsing ceiling of the Knickerbocker Theater crushed hundreds of playgoers during a freak two-day blizzard . Political boss Alexander Shepherd became the “father of” this city by introducing street-lights, paved roads, and public transport in a massively corrupt project. A future mayor of this city refused J. Edgar Hoover’s order to fire on rioters during its post-MLK assassination riots, partly incited by SNCC head Stokely Carmichael. The McMillan Commission laid out a plan to revamp this city, whose first elected mayor was Walter (\*) Washington. *Bolling v. Sharpe* declared the segregation of this city’s schools unconstitutional in a civil rights milestone, like the Poor People’s Campaign that also took place here. Autodidact black surveyor Benjamin Banneker made the calculations used to lay out this city, one of whose mayors irritably muttered “Bitch set me up” while getting busted for cocaine possession. For 10 points, name this American city designed by Pierre L’Enfant and governed by mayor-for-life Marion Barry.**

ANSWER: Washington, D.C. [or Washington D.C.; or the District of Columbia]

**6. 100 meter thick deposits of crinoidal limestone can be found in one of this period’s subsystems, which also saw a huge population of lycopods. Its Tournaisian stage is separated from its preceding period by the appearance of the conodont *Siphonodella sulcata*. Romer’s Gap appears at the beginning of it, dividing a fossil record with many armored and lobe-finned fishes from one with ray-finned fishes roughly twenty million years later. The Uralian Orogeny began in this period that also saw the Alleghenian Orogeny form the Appalachian Mountains.(\*). This period’s best known feature was caused by the evolution of plants using lignin, which could not be digested by existing decomposers, and facilitated by this period’s Rainforest Collapse, which included the death of its giant dragonflies. Gondwanaland and Laurasia formed in this period divided into the Mississippian and the Pennsylvanian periods. For 10 points, name this period known for the formation of coal beds.**

ANSWER: Carboniferous Period

**7. The *H.M.S. Birkenhead* was carrying soldiers to one of these wars when it sank in a disaster that originated the tradition of “women and children first.” Another of these wars, which began after a mission to jailbreak Tsili the axe-thief resulted in the death of a prisoner handcuffed to Tsili, was nicknamed the “war of the axe.” The last stage of these conflicts was fought between Sandile and the Fengu descendants of refugees, who had allied with this war’s winning side. The last of these conflicts occurred after the prophetess Nongqawuse caused a massive (\*) famine by encouraging her people to massacre all of their cattle. Piet Retief’s anger at the weak British response to these conflicts inspired him to lead the Great Trek. For 10 points, name this series of conflicts collectively nicknamed “Africa’s Hundred Years’ War,” in which Dutch settlers and British troops teamed up against a South African people known for a click-based language.**

ANSWER: Xhosa Wars [or the Kaffir Wars; or Africa’s Hundred Years War; prompt on “Hundred Years’ War”]

**8. Description acceptable. This man thinks of all the buffalo he could have bought with the money he spent on a prostitute with blond hair that turns out to be dyed. This character has to make up a lie about a sacred tree after touching his eye while passing a temple. This character mentions how the only smell that lasts longer than the Pomeranians Cuddles and Puddles is that of an old man’s feet. He receives a promotion soon after discovering his roommate is actually a Muslim, and he regularly repeats another character’s catchphrase, “what a fucking joke.” This son of a (\*) rickshaw-puller grows up in Laxmanargh and receives his name from his teacher Krishna. This man compares the life of the poor in India to the Great Rooster Coop, and he covers for a hit-and-run perpetrated by his employer’s American wife, Pinky Madam. In a letter to Chinese Premier Wen Jiabao, this character details how he killed Mr. Ashok while serving as his chauffeur. For 10 points, identify this protagonist of a novel by Aravind Adiga.**

ANSWER: The White Tiger [or Balram Halwai; or Balram Halwai]

**9. One photographer from this country took a series of pictures of Grand Central Station with crepuscular rays pouring in from the upper windows. Photographs of the Paris art scene by that man from this country include one of Picasso sitting next to an enormous stove. A possibly-staged photograph taken by another man from this country shows a soldier in suspenders losing control of a rifle in his outstretched right arm. A Life magazine staffer royally fucked up a series of photos taken by that photographer at Omaha Beach. This country was**

home to the photographer of *The Falling Soldier* and *The Magnificent Eleven*. One photographer from this country created *Underwater Swimmer*, the artistic predecessor of his *Distortion* series. This country was home to Robert Capa, as well as the photographer who took the pseudonym Brassai. “The New Vision” was a term coined by an artist from this country. For 10 points, name this home of László Moholy-Nagy and André Kertész.

ANSWER: Hungary [or Magyarország]

**10. One sociologist from this country coined the term “humanistic coefficient” to denote the subjective way social scientists view objective phenomena. Another sociologist from this country argued that the “mode of domination” in consumer societies changes from “repression” to “seduction” in *Legislators and Interpreters* and also wrote *Culture as Praxis*. W.I. Thomas helped produce a landmark (\*) five-volume study of this nation’s emigrants to America. The aforementioned sociologist from this country advocated replacing the term “postmodernity” with “liquid modernity;” that thinker argued that the Final Solution was not an instance of regression, but rather an outgrowth of dehumanizing specialization, in the book *Modernity and the Holocaust*. For 10 points, name this birth nation of Zygmunt Bauman and the anthropologist who argued against the universality of the Oedipal complex in *Argonauts of the Western Pacific*.**

ANSWER: Poland

**11. The protagonist of a novel by this author, while at Saxon College, attempts to take in the pregnant Wild Child, who dies after being hit by a car. In a short story by this author, a woman thinks that Hakim-a-barber is named “Asalamalakim” after he greets her with the Arabic for “peace be upon you.” This writer collaborated with Pratibha Kumar on the documentary *Warrior Marks* and wrote a novel whose protagonist works on voter-registration with her former lover, Truman Held. This author wrote an essay about discovering Zora Neale Hurston’s unmarked tomb that helped (\*) revive the reputation of *Their Eyes Were Watching God*. In a short story by this author, the college-returned Dee tells her mother her name is “Wangero Leewanika Kemanjo” and requests some ancestral quilts, which her mother then gives to Dee’s fire-scarred sister Maggie. This author of “Everyday Use” and *Meridian* wrote an epistolary novel in which Shug Avery helps restore the self-worth of the much-abused Celie. For 10 points, name this African-American “womanist” who wrote *The Color Purple*.**

ANSWER: Alice Walker

**12. This king projected his naval power by hiring the pirate Dicaearchus, a mercenary known for building altars to Lawlessness and Impiety whenever he attacked a city. This king made a strategic blunder in intervening against the pirate Scerdilaidas to restore the turf of his preferred pirate, Demetrius of Pharos. Harassment by the Aetolian League led this king to restore his alliance with the Achaean League, led by his possible gay lover, Aratus of Sicyon. This signatory of the Peace of (\*) Phoenice took the throne after the death of Antigonus Doson, his regent when he was a child. After his defeat, a Roman general went to the Isthmian Games to issue a proclamation of “freedom” for the Greeks. This king provoked Rome’s ire by forming an alliance with Hannibal in the middle of the Second Punic War, and ultimately fell to Roman arms under Titus Quinctius Flamininus. For 10 points, name this Antigonid king of Macedon defeated by Roman armies at the Battle of Cynoscephalae.**

ANSWER: Philip V of Macedon

**13. One modern variety of this technique is reticulography, which places a metal mesh between the sample and detector to allow the backtracing of microbeams to their source. A constraint of this technique is that an increase in the size of the rocking curve results in narrower dislocation images. The resolution of this technique is given by the formula  $S \times x$  divided by  $L$ , where  $S$  is the source size,  $x$  is the sample to image distance, and capital  $L$  is the sample to the source distance. (\*) Lang names a form of this technique, while another common method of using this technique involves a sample stage capable of orienting the sample along one, two, or three axes, a detector such as a CCD camera, and a synchrotron. This technique is used to resolve the geometry of materials with different structure factors, which are a function of the number and type of atoms in a unit cell. For 10 points, name this technique in which images recording the intensity of diffracted X-rays are used to visualize a crystal.**

ANSWER: X-ray Diffraction Topography [prompt on stuff involving “x-rays” or “diffraction” or “synchrotron”]

**14. As Secretary of State for War and the Colonies, one politician from this family separated Victoria from New South Wales in the Australian Colonies Government Act. Another statesman from this family gave**

British support to France against Germany during the Second Moroccan Crisis as foreign secretary up to the outbreak of World War I, when he asserted that “the lamps are going out all over Europe.” The best-known politician with this surname criticized the influence of Daniel O’Connell over his successor Lord Melbourne and had previously succeeded the intransigent (\*) Duke of Wellington at the behest of William IV. William Wilberforce died three days after that politician with this surname abolished slavery in Great Britain. For 10 points, give this last name held by the Prime Minister who eliminated the rotten boroughs by passing the Great Reform Act of 1832.

ANSWER: Earl Grey [or Viscount Howick; or Baronet Howick; or Edward Grey]

15. This text contains a row of eight verbs of adoration in the reflexive *hitpael* conjugation. This text’s opening words derive from Ezekiel 38:23, in which God speaks of magnifying himself. The word “Titkabel” appears in the longest version of this text, and many versions, including the “Rabbi’s” version, contain a section beginning “Y’hey shlama rabba min shemaya.” Sections of a prayer service are divided by the (\*) “Hatzi,” or “half” form, of this largely-Aramaic text, whose name uses the same root as a prayer sanctifying Sabbath wine. This prayer begins with the line “Yitgadal v’yitkadash sh’me raba.” It is also said over a candle at Yahrzeit anniversaries at yearly intervals. For 10 points, name this Jewish prayer whose “Mourner’s” variant is done in honor of the dead.

ANSWER: Kaddish [or Hatzi Kaddish; or Kaddish Shalem; or Mourner’s Kaddish]

16. This company traces its ancestry to a corporation founded by Aaron Burr in 1799 that failed in its goal of supplying clean drinking water to New York. This company was the largest creditor of failed commodities broker MF Global, which sued it for the return of several hundred million dollars in collateral. Ina Drew resigned from this corporation after an event which its CEO first described as a “tempest in a teapot” before admitting that it would cost this company over six billion dollars; during that event, its English employee Bruno Iksil gained the nickname the (\*) “London Whale.” Its CEO, Jamie Dimon, purchased Washington Mutual after facilitating a deal in which this bank paid \$10 a share for an investment bank that collapsed in March 2008. For 10 points, name this bank that bought Bear Stearns, the namesake descendant of a bank founded by the creator of U.S. Steel.

ANSWER: JPMorgan Chase [prompt on JP Morgan]

17. This artist’s many reproductions of *The Battle of San Romano* influenced the white horse reined in by a scythe-wielding general stepping on a dead man’s sword in one of his works. A naked earth goddess holds her right hand up above a glowing, spinning windmill in this artist’s image of *Liberated Earth*. This artist spent the last period of his life building a huge pyramid of black volcanic rock in which to house his collection of indigenous art. In one of his works, a Frenchman in a top hat in the background waves a tricolor from out the side of a rising hot air balloon. Popular outcry forced this artist to remove the phrase (\*) “God does not exist” from that work in which he depicts himself as a child strolling through the title public space with a dressed-up skeleton. This artist of *In the Arsenal* and *Dream of a Sunday Afternoon in Alameda Park* depicted workers at the Ford Motor Company in his *Detroit Industry* sequence. For 10 points, name this Mexican muralist who painted *Man, Controller of the Universe* and was married to Frida Kahlo.

ANSWER: Diego Rivera

18. In one essay, this philosopher removed the letters alpha and omega from a passage in the *Iliad* to illustrate the dependence of reason upon the passions. That essay continues the critique of Johann David Michaelis’s style of Biblical criticism which began in this philosopher’s *Essay on an Academic Question* and *Cloverleaf of Hellenistic Letters*. He critiqued Moses Mendelssohn’s *Jerusalem* in his *Golgotha and Scheblimini!* and called for a shovel-wielding Muse at the opening of a “cabbalistic rhapsody” he titled *Aesthetica in Nuce*. This philosopher began a noted essay with ironic dedications to Johann Christoph Berens and Immanuel Kant before explaining the title character’s profession that he knew he knew nothing as a rejection of the game of reason in favor of analogy. This subject of the book *The Magus of the North* and author of (\*) *Socratic Memorabilia* mentored Johann Gottfried Herder. For 10 points, name this German philosopher labeled as part of the Counter-Enlightenment by Isaiah Berlin.

ANSWER: Johann Georg Hamann

19. In an oft-quoted conversation, this novel’s author interrupted Jules Sandeau’s description of his ill sister, asking instead that they “come back to reality” and discuss who this novel’s protagonist will marry. The

narrator remarks that “if we could but read it, the whole history of France” is written on the old houses described in the opening passages of this novel. In this novel, a man who made his fortune as a slave trader in the Dutch East Indies returns to marry the aristocrat (\*) Mademoiselle D’Aubrion and asks the protagonist to sell a gold box containing his parents’ portraits. Fyodor Dostoevsky’s first literary work was a Russian translation of this novel, whose protagonist receives 4 gold coins every year from her father to build up a dowry. The title character of this novel rebels against her miserly father Felix by giving her gold coins to her beloved cousin Charles, whose abandonment leads her to marry Monsieur Cruchot. For 10 points, name this novel which forms part of The Human Comedy by Honore de Balzac.

ANSWER: Eugenie Grandet

20. Shing and coworkers found recently that a variant of this reaction could be used to C-alkylate monosubstituted derivatives of Meldrum’s acid, where a resonance-delocalized ester enolate reacts with the phosphonium salt intermediate present in the mechanism. Tsunoda et al. developed a widely-used variant where two reagents in the reaction are replaced by a single (cyanomethylene)trialkylphosphorane reagent with ylide character. Another common variant uses hydrazoic acid as the nucleophile. In the true mechanism of this reaction, triphenylphosphine attacks a compound containing a nitrogen-nitrogen double bond, forming a betaine intermediate which is protonated and then reacts with an alcohol to form a phosphonium salt. This intermediate is captured by the carboxylate nucleophile to yield triphenylphosphine oxide and an ester with an inversion of alcohol stereochemistry. FTP, name this reaction, known for using the reagent diethyl azodicarboxylate, or DEAD, developed by and named for a Japanese chemist.

ANSWER: Mitsunobu Reaction

### Bonuses

1. This battle caused the Holy Roman Empire and Denmark to enter the Scanian War. For 10 points each:

[10] Name this 1675 victory of Prussian forces over Sweden, the first major military victory for Prussia, signaling the beginning of the ascendancy of that state.

ANSWER: Battle of Fehrbellin

[10] Fehrbellin was a victory for this Prussian ruler, who was called the “Great Elector” for his work building up the Prussian army.

ANSWER: Frederick William [or Friedrich Wilhelm; do not accept or prompt on “Frederick William I”]

[10] Frederick William took advantage of Louis XIV’s dubious decision to revoke the Edict of Nantes by issuing this proclamation, which guaranteed those highly-skilled Huguenots asylum in Prussia.

ANSWER: Edict of Potsdam

2. It includes the image of the mother who prays to God that he will save her sailor son even as “His heavy-shotted hammock-shroud / Drops in his vast and wandering grave.” For 10 points each:

[10] Name this Tennyson poem which coined the phrase “‘Tis better to have loved and lost / than to have never loved at all.”

ANSWER: In Memoriam A.H.H.

[10] In *In Memoriam*, Tennyson comments on the debate over evolution by using this five word phrase to describe Nature, which “With ravine, shriek’d against [God’s] creed.”

ANSWER: “red in tooth and claw”

[10] Another Victorian poet, Ernest Dowson, wrote, “I have been faithful to thee...after my fashion” in a poem addressed to this fictional woman, whose name was taken from Horace’s *Odes*.

ANSWER: Cynara

3. It can be used as a catalyst for the Friedel-Crafts reaction and for the production of onium ions and their salts. For 10 points each:

[10] Name this acid formed by a nearly naked proton bonded to six atoms of a halogen bonded to a group 15 metalloid, one of the strongest known superacids.

ANSWER: Fluoroantimonic Acid [or HSbF<sub>6</sub>]

[10] Fluoroantimonic acid can be used to protonate hydrocarbons to form these species, which were first categorized by Olah. Examples include the norbornyl-type, which is well known for containing symmetrical three-center bonding, and the aromatic tropylium species.

ANSWER: **carbocation** [prompt on “carbonium ions”]

[10] The hydrogen in fluoroantimonic acid can move between anion clusters through this mechanism. This method also explains the movement of the excess proton in water, which results in the Eigen and Zundel cations of water.

ANSWER: **Grotthuss** Mechanism

4. Charles Booth created a detailed study documenting this phenomenon in 19th-century London. For 10 points each:

[10] Name this state of social disadvantage that Henry George wrote about along with “progress.”

ANSWER: **poverty**

[10] Lyndon B. Johnson’s “War on Poverty” was partly inspired by *The Other America*, a book by this sociologist, who coined the term “neoconservatism.”

ANSWER: Michael **Harrington**

[10] This Columbia sociologist argued that poverty exists because it fulfills important social functions in “The Uses of Poverty.” He is also known for his critical study of urban renewal in Boston, *The Urban Villagers*.

ANSWER: Herbert **Gans**

5. In one story, Thetis rendered Achilles invulnerable by anointing him with this substance and then passing him through a fire. For 10 points each:

[10] Name this substance consumed by the Greek gods as either food or drink along with nectar.

ANSWER: **Ambrosia**

[10] In *The Odyssey*, this daughter of Proteus gives Menelaus ambrosia to protect him against the putrid smell of the sealskins under which he is hiding.

ANSWER: **Eidothea**

[10] Some stories depict ambrosia as a nymph of the same name who turns into a grapevine after being killed by this Thracian king. This man was driven insane by Dionysius, mistook his son for an ivy plant, and pruned him to death.

ANSWER: **Lycurgus**

6. CMOS logic ideally allows for no current to flow except when the logic gates are being switched by complementing every n type of these devices with a p type and connecting both gates and both drains together. For 10 points each:

[10] Name this type of transistor that consists of a gate, source, and drain, its three terminals. They are the most commonly used transistor in building integrated circuits, which can have millions of them.

ANSWER: **MOSFET** [or **metal–oxide–semiconductor field-effect** transistor]

[10] MOSFETs often undergo this process in which an external voltage is applied to the junctions so it can operate in the active region. Methods include drain feedback and voltage divider.

ANSWER: **biasing**

[10] The main use of biasing is to achieve this state when a steady-state current passes through the device even when no signal is being applied to it. Temperature can change this state, which normally occurs in the saturation region and far from the transition point.

ANSWER: **quiescent point** [accept **Q point**]

7. This material can be woven into over 300 different patterns with specific meanings, such as the *Mmeeda* design, which means “something that has not happened before.” For 10 points each:

[10] Name this traditional cloth used in togas worn by the Ewe peoples of Togo and Ghana. This textile decorated the drums and shields of an empire that venerated the Golden Stool.

ANSWER: **kente** cloth

[10] Kente cloth was an important product of this African empire, which traded slaves to European merchants in exchange for firearms. This empire defeated the rival Denkyira civilization under its king Osei Tutu.

ANSWER: **Asante** Empire [or **Ashanti** Empire]

[10] The final Anglo-Ashanti War was sparked after Frederick Hodgson demanded the aforementioned Golden Stool, but this Queen-Mother and regent over the Ejisu district led them in a heroic-but-failed rebellion.

ANSWER: Queen **Yaa** Asantewaa

8. The name of this poetic style was coined by Jerome Rothenberg and Robert Kelly in reference to the *cante jondo* from Spanish poetry. For 10 points each:

[10] Identify this style of modernist American poetry practiced by Robert Bly and Galway Kinnell. Bly explained this style by example of the line “interior sea lighted by turning eagles,” a narrative scene that nevertheless can only be understood unconsciously.

ANSWER: **“deep image”** poetry

[10] Deep image was inspired by the *cante jondo* of this Andalusian poet, who wrote *Gypsy Ballads* and “Lament for the Death of a Bullfighter.”

ANSWER: Federico Garcia **Lorca**

[10] This friend of Robert Bly also wrote “deep image” poetry, though he may be better known for poems like “Autumn Begins” and “Lying in a Hammock on William Duffy’s Farm in Pine Island, Minnesota.”

ANSWER: James **Wright**

9. It is followed by the song “Thief! Thief!,” which is sung by the page of the kings of the Orient. For 10 points each:

[10] Name this song sung by Amahl’s mother in *Amahl and the Night Visitors* after she sees the gifts brought by the Magi for Jesus.

ANSWER: **“All That Gold”**

[10] Rosemary Kuhlmann sang “All That Gold” in *Amahl and the Night Visitors*, an opera by this life partner of Samuel Barber.

ANSWER: Gian Carlo **Menotti**

[10] Kuhlmann also sang the role of Desideria in this Menotti opera which tells the story of Annina, a girl living in New York’s Little Italy who has stigmata.

ANSWER: *The* **Saint of Bleeker Street**

10. This man contrasted his theory of ethical responsibility with Kierkegaard’s vision of Abraham in his short book *Gift of Death*. For 10 points each:

[10] Name this Algerian-born theorist who claimed that his term *différance* is “not a concept” and “not simply a word.” He critiqued the privileging of speech over writing and defended his Nazi colleague Paul de Man.

ANSWER: Jacques **Derrida**

[10] This Indian-born postcolonial theorist, the author of “Can the Subaltern Speak?”, translated Derrida’s *Of Grammatology* into English.

ANSWER: Gayatri Chakravorty **Spivak**

[10] This type of anchoring concept no longer exists today due to “a rupture” in the history of metaphysics, according to Derrida’s essay “Structure, Sign, and Play.” Without a concept of this type providing meaning to the whole field of signs, we can only engage in “free play of signifiers.”

ANSWER: a **center** [or a **transcendental signified**]

11. This composer wrote a series of pieces that feature a live instrument against multiple recordings of the same instrument, including *New York Counterpoint* and *Electric Counterpoint*. For 10 points each:

[10] Name this composer who also wrote a work based on an eleven-chord sequence introduced a movement called “Pulses,” *Music for 18 Musicians*.

ANSWER: Steve **Reich**

[10] Reich popularized this compositional technique in which two instruments play the same phrase at marginally different tempos, so that the two instruments gradually shift in and out of unison.

ANSWER: **phasing**

[10] Reich set the Ludwig Wittgenstein’s phrase “How small a thought it takes to fill a whole life!” in his piece *Proverb*, which pays homage to this style of polyphony based on plainchant. Its best-known composers were Léonin and Pérotin.

ANSWER: **organum**

12. This cemetery was initially largely unoccupied until its administrators started moving the bodies of famous individuals to it. For 10 points each:

[10] Name this largest cemetery of Paris, which is home to the tombs of famous individuals such as Moliere, Oscar Wilde, and several of Napoleon’s marshals as well as his opponents.

ANSWER: **Père Lachaise**

[10] Père Lachaise is in the twentieth and last of these Parisian administrative districts, which are arranged in a spiral outwards from the city’s center.

ANSWER: Arrondissement

[10] The first burial at Pere Lachaise was that of a five year old girl from this Parisian neighborhood that is home to the Defarges in *A Tale of Two Cities*. Most of those who stormed the Bastille were from this neighborhood.

ANSWER: Faubourg St. Antoine

13. Answer the following about paintings with a common title, for 10 points each.

[10] In this Egon Schiele painting, Wally Neuzil, in a torn-up dress, embraces a creepy green skeleton-like zombie man.

ANSWER: Death and the Maiden

[10] Egon Schiele's career was promoted by this other artist of the Vienna Secession, known for using gold foil in paintings like *Judith* and *The Kiss*

ANSWER: Gustav Klimt

[10] Another painting called *Death and the Maiden* was made by this Northern Renaissance artist, a student of Albrecht Durer who did a bunch of engravings of witches' sabbaths.

ANSWER: Hans Baldung Grien [or Hans Baldung Grien]

14. Answer these question relating to Ole Singstad, the designer of the ventilation system for the Holland Tunnel in Manhattan, for 10 points each:

[10] Rather than ventilate the tunnel along its length, Singstad developed a system that would ventilate it transversely using two of these chambers, one to bring in fresh air, one to pump out exhaust. These chambers share a name with that of positively pressurized chambers in superchargers and some types of pipe organs.

ANSWER: plenum [or plenum chamber]

[10] Singstad also developed prefabricated sections for the Baltimore Harbor Tunnel, replacing the use of these watertight structures. These structures were also used in building the Brooklyn Bridge and a name a disease from which Washington Roebling the Chief Engineer of the bridge, suffered.

ANSWER: caisson

[10] Caisson disease was actually a variety of this condition suffered by divers who surface too quickly, causing dissolved gases to form bubbles inside them.

ANSWER: Decompression Sickness [or the bends; prompt on "divers' disease"]

15. This politician first rose to fame as a campaign manager, when his organizational abilities enabled George McGovern to win the Democratic nomination. For 10 points each:

[10] Name this politician who later dared the press to "follow [him] around," since he had nothing to hide.

ANSWER: Gary Hart [or Gary Warren Hartpence]

[10] Those reporters, did, in fact, follow Gary Hart around. The *Miami Herald* published a damning photograph of Hart with model Donna Rice sitting on his lap, while Hart's T-shirt advertised this appropriately-named yacht.

ANSWER: the Monkey Business

[10] In the 1984 election, Gary Hart lost momentum after this former Minnesota Senator compared him to a hamburger with no beef. However, this man lost the general election to Ronald Reagan.

ANSWER: Walter Frederick "Fritz" Mondale

16. This short story's title object is a ship that suddenly appears in a river in the middle of Arkansas. For 10 points each:

[10] Identify this story by Henry Dumas in which Headeye is chosen to be a caretaker of the remains of slaves who died in the Middle Passage.

ANSWER: "Ark of Bones"

[10] Schindler's Ark, the novel adapted into Schindler's List, was written by this Australian author of *The Chant of Jimmie Blacksmith*.

ANSWER: Thomas Keneally

[10] Clay's Ark is a novel by this African-American woman known for works of science-fiction like *Kindred* and "Bloodchild."

ANSWER: Octavia E. Butler

17. His founding of the work *Tracts for the Times* inspired the name "Tractarians" for the Oxford movement. For 10 points each:



[10] Name this former Anglican priest who became a Cardinal and explained the reasoning for his conversion to Catholicism in his *Apologia Pro Vita Sua*.

ANSWER: Cardinal John Henry Newman CO [or Blessed John Henry Newman]

[10] This English convert to Catholicism wrote many popular statements of the faith, such as his work of Christian apologetics, *Orthodoxy*, and his response to the *Outline of History*, *The Everlasting Man*.

ANSWER: G.K. Chesterton

[10] This early Christian apologist defended the Christian veneration of *logos* as analogous to the Platonic search for ultimate wisdom. This man also wrote a dialogue in which he tries to convert an old Jew named Tryphon.

ANSWER: Saint Justin Martyr

18. Answer the following about ships in archaeology, for 10 points each.

[10] This 14th-century B.C. shipwreck, discovered off the southwest coast of Turkey, contained important artifacts from seven different archaic cultures, including 10 tons of oxhide ingots and the only extant seal of Nefertiti.

ANSWER: Uluburun Shipwreck

[10] The world's oldest known analog computer, this mysterious device was found in a shipwreck near a namesake Greek island.

ANSWER: Antikythera Mechanism

[10] King Raedwald of East Anglia may be the person buried in the ship found in this Anglo-Saxon burial site in Suffolk.

ANSWER: Sutton Hoo

19. One member of this genus forms a symbiotic relationship with *Holospira* that confers heat-shock resistance, for 10 points each:

[10] Name these slipper-shaped organisms that are preyed on by *Didinium*. Their cytostome contains food vacuoles and they can be used to study membrane excitability.

ANSWER: paramecium

[10] These other organisms were used in an experiment by Greider and Blackburn to discover an enzyme that adds TTGGGG repeats onto primers. This genus also names a ribozyme belonging to the class of Group I catalytic introns.

ANSWER: Tetrahymena

[10] *Paramecium* and *Tetrahymena* belong to this phylum of protists, also including *Vorticella*, which exhibit nuclear dimorphism. Only the micronucleus is passed on to the next generation.

ANSWER: Ciliophora [or ciliates]

20. Its protagonist refuses to reveal his poverty and gives food to beggars despite suffering from the title condition. For 10 points each:

[10] Name this novel by Knut Hamsun, whose protagonist, a writer, nearly eats his pencil out of poverty.

ANSWER: Hunger [or Sult]

[10] The lyrics to Norway's national anthem were written by this member of Norway's "Four Greats," author of plays like *Beyond Human Power* and *In God's Way*.

ANSWER: Bjornsterne Martinius Bjornson

[10] In this novel by Norwegian author Per Petterson, Trond Sander lives in isolation remembering how his father left him to join the Norwegian resistance against the Nazis.

ANSWER: Out Stealing Horses