

Tossups

0. This thing describes itself as “shredding *Reign in Blood* on my double-necked Stratocaster” while a counterpart is “practicing the clarinet.” The creator of this thing, Vincent Connare, once told its critics to “get another hobby.” In a Mike Lacher monologue published in *McSweeney’s*, this thing remarks “Sorry I’m standing in the way of your minimalist Bauhaus-esque fascist snoozefest.” A personification of this thing uses multiple Gaster Blasters and tells the player “kids like you should be (*) burning in hell” during a difficult boss battle at the end of a Genocide run. This thing is represented by a goofy hoodie-wearing skeleton, in contrast with his spaghetti-obsessed brother Papyrus, in *Undertale*. For 10 points, name this font used in the text that accompanies “doge” memes.

ANSWER: Comic Sans MS <KG>

1. In 1900, a commemorative plaque to this leader was placed in St. Louis’s Southern Hotel by the Daughters of the American Revolution. Robert Rogers wrote a play about this figure after supposedly meeting him. While camping at Point Pelee, Abraham Cuyler’s regiment was attacked by men commanded by this leader. James Dalyell was killed in a battle against this man, who was a devout follower of Neolin. A reward for this man’s death was announced by (*) Jeffrey Amherst. This man won the Battle of Bloody Run, a failed British offensive designed to break this figure’s siege of a location defended by Henry Gladwin. That siege was part of a conflict named for this Native American chief in which one British general used blankets and handkerchiefs to try to spread smallpox. For 10 points, name this Ottawa leader who led the Siege of Fort Detroit during his namesake war.

ANSWER: Pontiac [or Ponteach; or Obwandivag] <JM>

2. A character with this condition walks dozens of blocks with his typewriter looking for an open pawnshop before realizing they are all closed for Yom Kippur. That character is the writer Don Birnam. A former anarchist with this condition frequently yells “The days grow hot, O Babylon!” A character with this condition is friends with Jacques Laruelle, and is shot by police just before his wife (*) Yvonne is trampled by a horse. This condition is the subject of the novel *The Lost Weekend*. A consul living in Quauhnahuac with this condition named Geoffrey Firmin is the protagonist of *Under the Volcano*. A number of sufferers of this condition hold onto their pipe dreams and await Theodore Hickman’s visits in a play by Eugene O’Neill. For 10 points, name this condition suffered by most of the denizens of Harry Hope’s bar in *The Iceman Cometh*.

ANSWER: alcoholism [prompt on “addiction”; accept clear equivalents] <WN>

3. This book argues that the “pathos of distance” is a precondition for the “pathos of self-distancing.” It calls the Greeks an example of a feminine race and the Jews an example of a masculine race. This book says that love is the desire to possess a woman, but that different men desire to possess different aspects of women. It mocks Stoics for wanting to live “according to nature” because living means wanting to be unlike nature. This book praises (*) “free spirits” who are independent and free of dogmatism. This book, which begins with an after-song called “From High Mountains,” opens with the section “On the Prejudices of Philosophers,” which lambastes philosophers’ obsession with truth. For 10 points, name this book by Friedrich Nietzsche which proposes transcending traditional morality.

ANSWER: Beyond Good and Evil; *Prelude to a Philosophy of the Future* [or Jenseits von Gut und Böse; *Vorspiel einer Philosophie der Zukunft*] <WN>

4. For an ideal gas this quantity is equal to the fundamental temperature tau times the natural logarithm of the ratio of particle concentration to quantum concentration. The difference in this quantity from a reference

state equals RT times the natural logarithm of the ratio of fugacity to the reference fugacity. Changes in this quantity for each species in a system are related to changes in temperature and pressure via the (*) Gibbs-Duhem equation. When other variables are constant, this quantity equals the partial derivative of Gibbs free energy with respect to particle number, so it is the conjugate variable of particle number. For 10 points, name this quantity representing the change in energy when a particle is added to a solution, and which is symbolized μ .

ANSWER: chemical potential [prompt on “ μ ” until it is read] <SD>

5. This artist was such a fan of one of his own paintings that he requested that he be wrapped in its canvas after he died, though he was convinced to change his mind. This artist collaborated with an unrelated engraver with the same surname on a book of prints called *Liber Studiorum*. Due to a stipulation in his will, two of his paintings are displayed alongside two landscapes by Claude Lorrain, who greatly influenced him, at the National Gallery. The title cyclops can barely be seen in his painting (*) *Ulysses Deriding Polyphemus*. A bright yellow sunrise is in the background of a landscape by this artist depicting a scene from the *Aeneid*. A small hare can be seen in his painting of a bridge on the Great Western Railway. For 10 points, name this painter of *Dido Building Carthage* and *Rain, Steam and Speed*.

ANSWER: J.M.W. Turner [or Joseph Mallord William Turner] <WN>

6. According to a conspiracy theory, tests of this process were responsible for a 1952 disaster in Lynmouth in southern England. Operation Popeye successfully used this process to disrupt the Ho Chi Minh Trail. This process was first proposed by Vincent Schaefer and Irving Langmuir during their time at General Electric. Bernard Vonnegut, the brother of novelist Kurt, first discovered how a compound now commonly used in this process forms a (*) crystal structure similar to that of ice. This process, which was used during Olympic ceremonies in Beijing and is currently being used in Malaysia to combat the effects of Indonesian haze, often uses potassium iodide or silver iodide. For 10 points, name this process in which foreign particles are used to induce precipitation.

ANSWER: cloud seeding [prompt on “nucleation”; prompt on “weather modification” and similar answers] <KG>

7. A character who works in this profession explains that Philip resembles the Sheikh because his father traveled throughout the Middle East, and has affairs with both Brooke and his assistant Poppy. Another character of this profession delivers a brief sermon explaining that weddings have millions of attendees if you count ancestors. Lloyd Douglas is a beleaguered character of this profession in Michael Frayn’s *Noises Off*. A character with this profession puts on glasses to become the (*) druggist Mr. Morgan, and invites Professor Willard to give a “scientific account” of the play’s setting. That character of this type helps a dead woman go back in time to relive her twelfth birthday after serving as the minister of her wedding to George Gibbs. For 10 points, give the profession of the character who provides background on Grover’s Corners in Thornton Wilder’s *Our Town*.

ANSWER: stage manager [or stage director; or equivalents that suggest play organizer] <AG>

8. The conserved tyrosine-343 residue on this protein’s receptor upregulates the STAT-5 signaling that results after activation of the receptor causes JAK-2 autophosphorylation. A low RPI index might indicate a deficiency of this protein. In the absence of this protein, cells at the CFU-E stage undergo apoptosis. Central nervous system tumors known as hemangioblastomas can cause polycythemia by overproducing this protein. In response to hypoxia, HIF-1-alpha promotes the release of this glycoprotein in interstitial cells of the peritubular capillary bed of the (*) kidney. Aranesp and Procrit are “stimulating agents” of this protein illicitly used for blood doping in endurance sports. For 10 points, name this protein that acts at the bone marrow to promote red blood cell formation, or erythropoiesis.

ANSWER: erythropoietin [or Epo] <AG>

9. After the assassination of a holder of this position by Sante Geronimo Caserio, the anti-anarchist Trial of the Thirty was held. During the May 16 crisis, a holder of this position dissolved the Chamber of Deputies after forcing his Opportunist Republican Prime Minister, Jules Simon, to resign. A holder of this position received the epitaph “He wished to be Caesar, but ended up as Pompey” after his death, which supposedly occurred during a (*) sexual act. A future holder of this position was the first Duke of Magenta and led an army against a socialist government during the “Bloody Week.” Émile Zola addressed his letter “J’accuse!” to Félix Faure, a holder of this position. For 10 points, identify this position held by Adolphe Thiers, who took power after the Paris Commune.

ANSWER: President of France [do not accept “Prime Minister of France”] <KG>

10. Angus Deaton’s Nobel Prize citation mentions his work on consumption, poverty, and this concept, since much of his work deals with how best to measure this concept. Lionel Robbins has criticized Alfred Marshall’s attempt to define economics in terms of this concept. Paul Samuelson expanded on Abram Bergson’s formulation of a function (*) named after this concept. Amartya Sen argued that the definition of this concept should encompass non-material things, and wrote a book titled after collective choice and this concept. A branch of economics named after this concept is generally said to have two fundamental theorems, including that all competitive equilibria with complete markets are Pareto efficient. For 10 points, name this term referring to well-being achieved through economic activity.

ANSWER: welfare [accept social welfare] <WN>

11. A sonata with this nickname contains a minute-long third movement scherzo and trio, and was dedicated to Count Moritz von Fries. A symphony with this nickname sets “Out on the lawn I lie in bed” by W. H. Auden amidst a bevy of Renaissance and 17th-century poems. The C-sharp minor “Largo” second movement of a piece with this title specifies that the viola “must always sound very loud and agitated,” as it represents a goatherd’s (*) barking dog. This is the nickname of Beethoven’s fifth violin sonata, and of a B-flat major symphony whose last movement quotes the composer’s collection *Kreisleriana*, written soon after its composer married Clara Wieck. A concerto with this name opens *The Contest Between Harmony and Invention*. For 10 points, give this nickname of Schumann’s first symphony, the name of the first of Vivaldi’s *Four Seasons*.

ANSWER: Spring [or “La primavera”; or Fruhling] <AG>

12. Many artifacts from this dynasty are pottery figurines depicting women playing the recently-introduced sport of polo. This dynasty marked a switch from copper coinage to a form of paper currency nicknamed “flying cash.” The largest hoard of artifacts from this dynasty was discovered in the wreckage of an Arabian dhow off the coast of Belitung. In a civil war during this dynasty, Ge Shuhan’s abandonment of defenses led to the capture of the capital, which was retaken by Emperor Suzong with (*) Uighur assistance. This dynasty was challenged by the rival Yan dynasty, founded by a man who once dressed up in a diaper and was “adopted” by the imperial consort Yang Guifei. The concubine of this dynasty’s Emperor Taizong once ruled as emperor in her own right. For 10 points, name this dynasty usurped by Empress Wu and An Lushan, which ruled from 618 to 907 during the golden age of China.

ANSWER: Tang Dynasty <AG>

13. The speaker of a poem by this author realizes that “love deceives, and wrings with wrong” whenever he remembers “Your face, and the God curst sun.” In one of his poems, this author concluded that war is “quaint and curious” because “You shoot a fellow down / You’d treat if met where any bar is.” This author wrote a poem about a creature “frail, gaunt, and small,” that chooses to “fling his soul / Upon the growing gloom.” This author of “The Man He Killed” wrote a poem about the (*) jarring of “two hemispheres” that results from a “sea-worm” meeting “a Shape of Ice.” This author wrote a poem about a man who “leant upon a coppice gate” at the dawn of the twentieth century when he encountered the title bird. For 10 points, name this

English poet who wrote some “lines on the loss of the Titanic” in “The Convergence of the Twain” and penned “The Darkling Thrush.”

ANSWER: Thomas Hardy <AG>

14. **Types of these compounds substituted with two heteroatoms rearrange to esters and 1,1-diazenes in the HERON rearrangement. Sodium hypobromite transforms one of these compounds into an intermediate isocyanate in another reaction. Unless they have quaternary carbons *anti* to their hydroxyl groups, acid-treated oximes yield these compounds via the Beckmann rearrangement. Polymers such as (*) aramids and nylon are held together by this functional group and by its cyclic variant, the lactam. Because a lone pair of electrons on a nitrogen atom in these compounds is delocalized by resonance, they are weak bases. The simplest way to form these compounds is by reacting acyl chlorides with amines. For 10 points, name these compounds in which a carbon is double bonded to oxygen and single bonded to nitrogen.**

ANSWER: amides <AG>

15. **A 15-year-old religious leader originally from this country spoke at a highly anticipated event at which it was predicted that the Astrodome would levitate; that event was Millennium ‘73. The Divine Light Mission, which was later replaced by Elan Vital in other countries, was founded in this country. Another religious leader from this country developed a technique which influenced the Mozambican president Joaquim Chissano and which his followers claimed caused the fall of the (*) Berlin Wall. That technique sometimes involves hopping while cross-legged, and is called TM for short. A religious leader from this country taught Transcendental Meditation to celebrities like the Beatles. For 10 points, name this country home to Maharishi Mahesh Yogi.**

ANSWER: India [or Republic of India; or Bharat Ganarajya] <WN>

16. **According to the poem *Solarljod*, or *The Song of the Sun*, this figure had nine daughters including Rádveig and Kreppvör. In the *Lokasenna*, Loki claims this god fathered children with his sister. During a battle of wits against Vafthrudnir, Odin asks the giant where this god came from. This god lives half the year in his wife’s dwelling of Thrymheim and the other half of the year in his own home of Nóatún. This deity is sent along with his (*) son as a hostage to the Aesir. Idunn was kidnapped by this god’s would-be father-in-law Thiazi, whose daughter selected this god as a husband after Thiazi’s death. That daughter had meant to select Baldr, but was permitted only to look at the gods’ feet when making her selection. For 10 points, name this Norse sea and fertility god, the husband of Skadi and the father of Freyja and Freyr.**

ANSWER: Njord [or Njörðr; or Njoerd; or Njorth] <JM>

17. **In Maurice Bejart’s avant-garde production of this ballet, the title character is represented by a Viet Cong fighter. Maria Tallchief became prima ballerina after her huge breakout dancing the lead in George Balanchine’s 1949 production of this ballet. Muted cello and basses play natural-harmonic glissandos near the end of the “Introduction” of this ballet, which features a uniform 7/4 time for the “General Rejoicing” section at the very end. The composer borrowed an oboe theme from the *Sinfonietta* by (*) Rimsky-Korsakov for the *Khorovod*, or round-dance, performed by thirteen princesses in this ballet. After a bassoon solo-driven “Berceuse,” the protagonist of this ballet finds and destroys the egg containing the soul of Kashchei the Immortal. For 10 points, name this Stravinsky ballet in which Ivan is aided by a magical avian.**

ANSWER: *The* Firebird [or *L’oiseau de feu*] <AG>

18. **A phacolith is a plutonic intrusion concordant to the bedding plane of these structures. Parasitic examples of these structures are classified as S or Z depending on whether they have clockwise or counterclockwise apparent vergence. In an anisotropic medium, these structures can be created by flexural flow and flexural slip. The limbs of these structures are linked by their hinge line. If the axial plane of these structures is in a**

horizontal position, parallel with the limbs, they are termed recumbent; less intense deformation can create overturned examples. Compressional stress can create (*) anticline and syncline examples of these structures, and other examples include concentric, chevron, and kinked bands. For 10 points, name these structures in which flat strata are bent or curved as a result of plastic deformation under great stress.

ANSWER: folds

19. This man delivers a speech offering “seven well-populated cities,” including Cardamyle and “vine-rich Pedasus,” on behalf of his superior. Though at one point he is alone and completely surrounded, this man sustains only a minor wound from Socus. A silver mixing bowl is awarded to this man after he utters a quick prayer to Athena to win a contest. He reminds the Argives of Calchas’s prophecy in order to whip them out of disarray early in the *Iliad*. After this man, Phoenix, and (*) Ajax fail to persuade Achilles to return to the war, he joins Diomedes on a successful night attack against the Thracians. A plot hatched by this man prompts Laocoon to say “I fear Greeks, even those bearing gifts.” For 10 points, name this cunning warrior who comes up with the idea to build a Trojan Horse, the star of his own epic by Homer.

ANSWER: Odysseus <AG>

20. According to Plutarch, an unfinished painting of this battle created by Androcydes was rededicated to a minor skirmish at the same site. The winning commander at this battle bickered with his underling Amompharetus about the night-time retreat preceding it. At its outset, the losing side encamped on the banks of the Asopus and met the better-positioned winners in combat on the slopes of Mount Cithaeron. (*) Aristides commanded soldiers from Athens, which was then in ruins, at this battle. The weapons of the losing side at this battle were refashioned into a column consisting of intertwined snakes. The naval battle of Mycale was fought on the same day as this engagement, during which Mardonius was defeated by a helot-heavy contingent commanded by the Spartan general Pausanias. For 10 points, name this 479 BC battle which ended the second Persian invasion of Greece.

ANSWER: Battle of Plataea <AG>

Tiebreaker: After an 1897 expedition to Benin, British forces brought back one of these objects that depicts a decapitation. Nine men protesting a ban on some of these objects were shot on Vesak Day by government forces. At the Battle of Lyndanisse in Estonia, one of these objects allegedly fell from the sky. The removal of one of these objects led to a riot now commemorated by Martyrs’ Day in Panama. The career of Jose Rizal and the Cuban independence movement are the subjects of a study by (*) Benedict Anderson whose title mentions three of these objects. One of these objects was revered by the Nazis after it was soaked in the blood of an SA officer who died during the Beer Hall Putsch. Referendums in New Zealand are seeking to add a fern design to some of these objects. For 10 points, name these objects, one of which was famously raised by American soldiers on Iwo Jima.

ANSWER: flags <KG>

MLK 2016: Amusing Subtitle

Packet 4

Bonuses

1. Measuring the period of one of these devices and comparing to square root of g over l is a way to measure gravitational acceleration to easily within one percent. For 10 points each:

[10] Name this system in which a bob on a string oscillates back and forth.

ANSWER: pendulum

[10] A pendulum exemplifies simple harmonic motion if this assumption is made. It relies on the fact that the first term in the Taylor series for sine of x is x .

ANSWER: small angle approximation [accept a description which implies that angle or displacement or amplitude is small]

[10] For arbitrary amplitudes, the period of the pendulum is given by one of these functions. The first correction term is proportional to amplitude squared over 16.

ANSWER: elliptic integral <BM>

2. Mme. Henri Bachelier compiles an inaccurate catalog of this writer's works, including a treatise that proposes and rejects the idea of improving chess by eliminating one of the rook's pawns. For 10 points each:

[10] Name this fictional French writer who immerses himself in sixteenth century Spanish history and culture to essentially *compose*, and not just recreate, *Don Quixote*.

ANSWER: Pierre Menard

[10] This blind Argentine genius included his story "Pierre Menard, Author of the *Quixote*" in his collections *The Garden of Forking Paths* and *Ficciones*.

ANSWER: Jorge Luis Borges [or Jorge Francisco Isidoro Luis Borges]

[10] In this other Borges story styled as a work of literary criticism, the narrator describes a novel in which a Muslim law student murders a Hindu and criss-crosses the Indian subcontinent in search of the title "perfect man" whom he invents.

ANSWER: "The Approach to Al-Mu'tasim" [or "El acercamiento a Almotásim"] <AG>

3. Diana Gould, a teacher who questioned the Prime Minister about this event on live TV, died a few weeks before an official report on it was published. For 10 points each:

[10] Identify this event that prompted the newspaper *The Sun* to print the infamous headline "Gotcha!"

ANSWER: sinking of the ARA General Belgrano [accept obvious equivalents for "sinking"]

[10] The *General Belgrano* was sunk during this conflict with Argentina that took place during Margaret Thatcher's time as Prime Minister.

ANSWER: Falklands War [or Guerra de las Malvinas]

[10] In another media reporting mishap, the BBC World Service prematurely announced victory at this first land battle during the war, which took place on Choiseul Sound on East Falkland.

ANSWER: Battle of Goose Green <KG>

4. The Bucherer-Bergs reaction is very similar to this one, as it produces a hydantoin that can be hydrolyzed to give the same product as this reaction. For 10 points each:

[10] Name this reaction where a condensation between an aldehyde and ammonia produces an imine which reacts with a cyanide to give a nitrile that is later hydrolyzed.

ANSWER: Strecker synthesis

[10] The Strecker synthesis is used to create these compounds, which are all chiral other than glycine due to its side chain being only a hydrogen.

ANSWER: amino acids

[10] These enzymes play key roles in the synthesis of many amino acids with the help of pyridoxal phosphate coenzymes, whose aldehyde groups form Schiff base aldimines in a reaction named for these enzymes.

ANSWER: transaminases [or aminotransferases] <NC/SD>

5. Vincenzo Tommasini arranged the music for the ballet *The Good-Humored Ladies* from several of this composer's sonatas, including a G minor one nicknamed "Cat's Fugue." For 10 points each:

[10] Name this Baroque composer of a staggering 555 keyboard sonatas. His father Alessandro founded the Neapolitan school of opera.

ANSWER: Domenico Scarlatti

[10] Most of Scarlatti's sonatas were composed for this keyboard instrument, which was gradually eclipsed in popularity by the piano.

ANSWER: harpsichord

[10] As Scarlatti worked as court musician in Spain and Portugal, many of his sonatas feature this mode common in Iberian music. Playing all the white notes on a piano from E to E will produce this third of the eight church modes.

ANSWER: Phrygian mode <AG>

6. Answer the following about Jewish law, for 10 points each.

[10] Jews and righteous gentiles follow a set of seven laws named for this man, since all humans are descended from him. The rainbow represents God's covenant with this man after the flood.

ANSWER: Noah

[10] This is the halakhic term for the prohibition on touching members of the opposite sex, with some exceptions.

ANSWER: negiah

[10] The Torah prohibits intercourse with a *niddah*, which is someone who is in the process of doing this, or who has not yet bathed in a *mikveh* since doing this.

ANSWER: menstruating [accept word forms or clear equivalents] <WN>

7. Answer the following about an ongoing civil war, for 10 points each.

[10] This country's internationally recognized government is currently based in Tobruk. Its New General National Congress is based in the capital, Tripoli.

ANSWER: Libya

[10] In February 2015, ISIS released a video of the beheading of 21 Christians from this country, leading this country to conduct airstrikes in Libya.

ANSWER: Egypt [or Arab Republic of Egypt; or Jumhuriyat Misr al-Arabiyyah]

[10] This Libyan parliament, sometimes called the Libyan House of Representatives, currently meets on a car ferry in Tobruk. Its chairman is Aguila Saleh Issa.

ANSWER: Council of Deputies [or Majlis al-Nuwaab] <WN>

8. The speaker of a poem imagines gazing intently at a puppet theater until one of these beings balances the gaze, remarking: "[this being] and Doll: then there's a play at last." For 10 points each:

[10] Name this kind of being, every one of which is terror, according to Rilke's *Duino Elegies*. The speaker of the first elegy wonders who, if he cried out, would hear him among their orders.

ANSWER: angels [or Engel]

[10] Give the number of the *Duino Elegy* in which the speaker notes "how an Angel would utterly trample" the "market of solace" in "Grief-City." This poem concludes that we, who paradoxically "think of ascending / joy, would feel the emotion, that almost dismays us, when a joyful thing falls."

ANSWER: the tenth *Duino Elegy* [prompt on the last or similar answers]

[10] The first elegy wonders if "first music ventured to penetrate arid rigidity" while grieving for Linos, the brother of this skilled musician from Greek mythology, to whom Rilke also dedicated a book of sonnets.

ANSWER: Orpheus <AG>

9. Name some artists who depicted airplanes in their paintings, for 10 points each.

[10] This artist used Ben-Day dots in his painting of two airplanes in a dogfight, titled *Whaam!* In his *Drowning Girl*, a woman says "I don't care! I'd rather sink than call Brad for help!"

ANSWER: Roy Lichtenstein [or Roy Fox Lichtenstein]

[10] A collage by this artist shows the title *Murdering Airplane* with human arms. This Surrealist created and frequently employed the grattage technique, in which paint is scraped off the canvas.

ANSWER: Max Ernst

[10] Several airplanes appear in a background of colorful circles in this artist's homage to English Channel-crosser Louis Blériot. That painting is one of many by this artist to include the Eiffel Tower rendered in red.

ANSWER: Robert Delaunay <KG>

10. These people were killed after they participated in the Bezdna Unrest. For 10 points each:

[10] Identify this class of people who were freed by an 1861 decree during the reign of Alexander II.

ANSWER: Russian serfs [prompt on "peasants"]

[10] This term refers to the communes shared by peasants, which were governed by assemblies called *skhod*. These units were abolished in favor of *khutors* by Pyotr Stolypin in 1906.

ANSWER: obshchina [or mir]

[10] These people, former peasant farmers who became wealthy after the 1861 reform, were seen as enemies to the peasants who remained poor by the Bolsheviks. Joseph Stalin sought to eliminate this class through the collectivization of farming.

ANSWER: kulaks <KG>

11. One of the people suspected to be this character's father is the barber Partridge. For 10 points each:

[10] Name this foundling whose history is recounted in a comic novel by Henry Fielding.

ANSWER: Tom Jones [accept either name]

[10] Tom has an affair with this woman after rescuing her from a robbery. Partridge reveals to Tom that she is actually Jenny Jones, but luckily the rumor that Jenny Jones is Tom's father turns out to be false.

ANSWER: Mrs. Waters

[10] Tom's mother turns out to be Bridget, making his uncle this squire, who happens to also be Tom's caretaker.

ANSWER: Squire Allworthy <WN>

12. The victims of these incidents were Charles Kuhl and Paul Bennett. For 10 points each:

[10] Name this pair of incidents which was reported in the U.S. by Drew Pearson. They took place during the Allied invasion of Sicily.

ANSWER: George S. Patton slapping soldiers [or obvious equivalents]

[10] Patton was reprimanded by this commanding officer of his, who was also the 34th President of the United States.

ANSWER: Dwight David Eisenhower [or Ike]

[10] Patton first saw combat in this expedition led by John J. Pershing.

ANSWER: Pancho Villa expedition [or the Mexican Expedition; accept anything indicating an expedition to capture Francisco "Pancho" Villa] <WN>

13. Frank Jackson proposed a thought experiment about Mary, an expert in these sensations. For 10 points each:

[10] Name this type of perception. Nelson Goodman proposed examples of them called "grue" and "bleen."

ANSWER: colors

[10] This thought experiment, first formulated by John Locke, imagines a world in which different individuals systematically see different colors from each other, but outwardly behave the same.

ANSWER: inverted spectrum

[10] This philosopher's "alternative neurosurgery" thought experiment is similar to the inverted spectrum. He argued against qualia in *Consciousness Explained*.

ANSWER: Daniel Dennett <WN>

14. While tasked with holding the Tablet of Destinies, this god had it stolen by the monstrous bird Anzu, but luckily it was won back by his son Ninurta. For 10 points each:

[10] Name this Sumerian god who also fathered Nergal on Ninlil.

ANSWER: Enlil [or Ellil]

[10] The first son of Ninlil and Enlil was Sin, or Nanna, who was the god of this celestial body, not to be confused with a different celestial body represented by Shamash.

ANSWER: the moon

[10] Enlil also has sex with Ninlil in the forms of a gatekeeper, a guard of Idkura or Huber, and in this role, disguised as a man named Silulim or Siluigi. Another man with this role is seen with urnu-snakes and Stone Things.

ANSWER: ferryman <SD>

15. Answer the following about social constructionism, for 10 points each.

[10] Many sociologists hold that this concept is socially constructed, and is separate from the biological concept of sex.

ANSWER: gender

[10] In 2005, this economist garnered controversy by suggesting that there was an innate difference in scientific aptitude between men and women. He resigned as President of Harvard soon after.

ANSWER: Larry Summers [or Lawrence Henry Summers]

[10] Social constructionism was popularized by the 1966 publication of *The Social Construction of Reality* by this pair of authors.

ANSWER: Peter Berger and Thomas Luckmann [or Peter Ludwig Berger in place of “Peter Berger”; both names required] <WN>

16. Answer the following about Ancient African queens, for 10 points each.

[10] This ruler committed suicide after her partner Mark Antony’s loss at the Battle of Actium. Her death allowed Rome to absorb Egypt into its empire.

ANSWER: Cleopatra VII Philopator

[10] This kingdom referred to its queens with the title “kandake,” which evolved into the name Candace. One such queen, who ruled from Meroë, legendarily drove off Alexander the Great.

ANSWER: Kingdom of Kush

[10] This queen, a member of the Beta Israel community, brought the Axumite Kingdom to an end, paving the way for the rule of the Zagwe Dynasty.

ANSWER: Gudit [or Yodit; or Judith] <KG>

17. A digression about Windpeter Winters, who raves and swears at the oncoming train that kills him, opens this collection’s story “The Untold Lie.” For 10 points each:

[10] Name this collection, whose introduction concerns a writer who lies down in bed and has a vision of everyone he has ever met, whom he calls “grotesques,” and then resolves to write a “Book of the Grotesque.”

ANSWER: Winesburg, Ohio

[10] This frenemy of Ernest Hemingway drew on his Midwestern childhood to write *Winesburg, Ohio*.

ANSWER: Sherwood Anderson

[10] The narrator of this Anderson story remembers seeing the naked corpse of an overworked old woman from the Grimes family, who froze to death on a trip back from the butcher’s.

ANSWER: “Death in the Woods” <AG>

18. Encapsulation is carried out by restricting access to these things to getter and setter methods. For 10 points each:

[10] Name these things which are particular instances of classes and which feature in languages like Java and C++.

ANSWER: objects

[10] Classes in object-oriented programming usually contain one of these methods which is called to create an object.

ANSWER: **constructor**

[10] Object-oriented programming allows for this type of run-time polymorphism in which a child class includes a method with the same name and signature as one in the parent class.

ANSWER: **overriding** <BM>

19. The Emperor Titus called for this sculptor's *Astragalizontes*, or *Boys Playing at Knuckle-Bones* to be placed in his atrium. For 10 points each:

[10] Name this ancient Greek sculptor who extolled aesthetic principles rooted in mathematics in his treatise *Kanon*, and sculpted an athlete carrying a spear in his *Doryphoros*.

ANSWER: **Polykleitos**

[10] Polykleitos's bronze sculpture of an Olympic athlete carrying one of these objects is often confused with Myron's depiction of an athlete about to throw one.

ANSWER: **discus**

[10] This successor to Polykleitos is best known for his statue of Meleager, his personification of *Pothos*, or *Desire*, and his head of the goddess Hygieia, daughter of Asclepius.

ANSWER: **Scopas** <AG>

20. A subset of anti-rotavirus antibodies directed against the protein VP7 has been shown to predict the onset of this disease. For 10 points each:

[10] Name this disease most commonly diagnosed by checking for tissue transglutaminase antibodies. People with this disease have flattened villi in their small intestine.

ANSWER: **celiac** disease

[10] This composite material made up of proteins like gliadin and starch from the endosperms of grains is hazardous for people with celiac disease.

ANSWER: **gluten**

[10] The vast majority of people with celiac disease have the DQ2 or DQ8 allele variants of a gene encoding a protein of this class. Cathepsins cleave the invariant chain of these proteins, leaving behind a peptide fragment known as CLIP.

ANSWER: **MHC** Class **II** [or **major histocompatibility complex** class **II**; prompt on **MHC**; prompt on **major histocompatibility complex**] <SD>

Extra: Answer the following about *The God that Failed*, for 10 points each.

[10] *The God that Failed* is a series of essays about various authors' disillusionment with this political ideology, which was glorified by socialist realism, which dominated Soviet literature for several decades.

ANSWER: **communism**

[10] This Italian author contributed an essay to *The God that Failed*, and wrote about the revolutionary Pietro Spina in *Bread and Wine*, which he later revised, calling the revised version *Wine and Bread*.

ANSWER: Ignazio **Silone** [or Secondino **Tranquilli**]

[10] This other contributor wrote an allegory of Stalinism called *Darkness at Noon*.

ANSWER: Arthur **Koestler** [or **Kösztler** Artúr] <WN>