**Eisenhower Memorial Tournament 2017: Dunning-Kruger? I Hardly Know 'Er!**
**Questions by Vasa Clarke, Ryan Humphrey, Alex Damisch, Jacob O'Rourke, Gabe Guedes, Charles Hang, and Alex Dzurick**
**Packet 10: Tossups**

1. *(Moderator Note: emphasize the two words in italics in the 1st sentence.)*
**Terms for *both* the shunt *and* series variety of these devices appear in the standard expression of the telegrapher's equations. "N" of these devices are replaced with "N times quantity (N minus 1 over two)" of these devices in the star-mesh transform, and the wye-delta transform is a special case of that operation for three of these devices. Random motion of electrons in one of these devices results in** (*) Johnson-Nyquist noise. Three of these devices with known strength and one of unknown strength are connected in a Wheatstone bridge. The strength of these devices adds directly when they are in series, and these devices are represented by a zig-zag on a circuit diagram. For 10 points, name these circuit elements whose namesake property is measured in ohms.
ANSWER: **resistor**s <RH, Physics>

2. **A proponent of this artistic philosophy said that its influence would make people "better instructed, more artistic, and filled with civic pride;" that man was Charles Mulford Robinson. The Group Plan of 1903 in northeast Cleveland was heavily influenced by this movement. The McMillan Plan brought this movement's influence and its member** (*) Frederick Law Olmsted to Washington D.C. The Beaux ["boh"]-Arts school influenced one of the first recognized examples of this movement, the "White City," which Daniel Burnham built for the Chicago World's Fair. For 10 points, name this movement in architecture and urban planning that aimed to aesthetically improve its namesake places.
ANSWER: **City Beautiful** movement [prompt on anything involving beautifying and/or planning urban areas] <AWD, Other Art>

3. **A book by Anatoli Boukreev argued about the disastrous result of an attempt to successfully complete this action. A Swiss team led by Edouard Wyss-Dunant attempted to achieve this action by establishing a route through the Khumbu Icefall. George Mallory attempted to achieve this feat in 1924, only to mysteriously disappear until his** (*) body was discovered in 1999. Anyone who wishes to imitate a native of Nepal who achieved this feat starts at the South Base Camp. Tenzing Norgay and Edmund Hillary were the first to achieve this feat in 1953. For 10 points, name this action, which consists of reaching the summit of the world's tallest mountain.
ANSWER: **climb**ing Mount **Everest** [or **reach**ing the **summit** of Mount **Everest**; accept the following in place of Everest: **Chomolungma**; **Chu-mu-lang-ma Feng**; **Peak XV**; **Qomolangma Feng**; **Sagarmatha**; **Zhumulangma Feng**] <JO, World History>

4. **King Latinus proposes in Book XI of the *Aeneid* that gifts including gold, purple robes, and an ivory one of these objects be sent to the Trojans as a peace offering. In one account, an object of this type causes the death of an otherwise unimportant character named Moys. After using a large rock as one of these objects,** (*) Pirithous was trapped forever in the Underworld. A particularly deadly one of these objects which represented Judas Iscariot was successfully claimed four hundred and fifty-four years after the death of Jesus, and was legendarily created by Joseph of Arimathea. The quest for the Holy Grail began after one of these objects was used by Galahad. For 10 points, name these articles of furniture which included the Siege Perilous, at least thirteen of which surrounded the Round Table.
ANSWER: **chair**s [or obvious equivalents such as **throne**s, **seat**s, or otherwise more specific answers] <VC, Myth>

5. **This character is described as having "a soft and foolish heart towards the sex" and that it is not surprising that "so tempting a morsel soon found favor in his eyes." After being rejected by a woman, this man has the air of one who had been "sacking a henroost, rather than a fair lady's heart." An old farmer claims this character became "a justice of the Ten Pound Court" rather than meeting a supernatural end. A group of men prank this character by stopping up a chimney to dissuade him from pursuing** (*) Katrina Van Tassel. This character is struck by a pumpkin and falls off a horse named Gunpowder while being chased by Brom Bones masquerading as the Headless Horseman. For 10 points, name this schoolmaster from "The Legend of Sleepy Hollow."
ANSWER: **Ichabod Crane** [accept either] <GG, American Literature>

6. **Many participants of a coup attempt against this government formed the *Organisation Consul*, who threw acid in the face of Philipp Schneidemann. This government was the target of a coup led by Wolfgang Kapp, and it faced a revolution led by the group that published the newspaper *The Red Flag*. This government ordered the executions of Walter Liebknecht and Rosa Luxemburg, the leaders of the Spartacist Uprising. This government's adoption of the**(*) Dawes Plan failed to save it from massive hyperinflation. The last president of this government, Paul von Hindenburg, passed the Reichstag Fire Decree, which assisted in the rise of Adolf Hitler to power. For 10 points, name this post-World War I government of Germany.
ANSWER: **Weimar** Republic [or **Weimar** Germany] <JO, European History>

7. **In one appearance, this fictional character incorrectly believes Ireland to have been an Axis Power, but only because he was thinking of Romania. This character assumes the pseudonym of "Lando Calrissiano De Las Fuerzas Especiales" while trying to extract an asset from Buenos Aires. Several mobsters get kneecapped in a brutal parody of *Family Feud* as this character goes on a (*)** rampage while trying to acquire chemotherapy drugs. While on an airship, this character repeatedly smacks cigars out of people's' hands due to his fear of an explosion. This character forms a lasting bond with the ocelot Babou. While attempting to call this character, many of his friends and family experience elaborate voicemail hoaxes. For 10 points, name this secret agent who is the title character of an FX animated series and is voiced by H. Jon Benjamin.
ANSWER: **Sterling Archer** [accept either underlined name] <VC, Trash/Other>

8. **In one novel by this author, a man wakes up to see his alcoholic wife about to unwittingly guzzle a bottle of poison before a woman awakens and takes it away. A character created by this author cries out "take the pencil and write under my name, 'I forgive her'" after being tackled to the ground. A novel by this author climaxes with a factory worker falling down a mine shaft after being accused of a bank robbery that was actually committed by Tom (*)** Gradgrind. Another of this author's characters receives a death sentence for drowning Compeyson in a river during his escape attempt with Herbert and a boy who he had given his fortune. For 10 points, name this author of *Hard Times* who wrote about Pip and Abel Magwitch in *Great Expectations*.
ANSWER: Charles **Dickens** <GG, Brit Lit>

9.**This person's future spouse raised funds for their marriage by selling some armor on the advice of this person's father. For several months, this person refused to speak to a relative who conducted an inheritance dispute with this person over the oasis of Fadak. In some accounts, this person suffered broken ribs after political rivals led by (*)** Umar attacked her house, causing her to miscarry and then die. A son of this woman was the most famous person martyred at the Battle of Karbala. This woman and her husband are the most recent common ancestor for all people who claim the title of *sayyid*. Shia Muslims believe that the husband of this woman was the first Imam. For 10 points, name this wife of Ali and beloved daughter of Muhammad whose name was adopted by an Egyptian caliphate.
ANSWER: **Fatimah** [or **Fatimah** bint Muhammad; or **Fatimah** Zahra] <VC>

10. **In one scene in this play, Le Bret comes onstage to whisper to the protagonist that another character has died from a gunshot heard offstage, but the protagonist inadvertently reveals his death to that man's lover when he uses the past tense to refer to him. A woman in this play realizes that the title character has been writing her letters using another man's name when he continues reading a letter from memory despite the growing darkness. During a duel with (*)** Valvert, the title character of this play improvises a poem and stabs his opponent as he utters the final line. The title character of this play assists Christian in the wooing of his cousin Roxane and is afflicted by his immense nose. For 10 points, name this play by Edmond Rostand about the titular poet.
ANSWER: *Cyrano de Bergerac* <GG, European Literature>

11. **Several participants in this event may have been identified through the Able Danger data mining project. This incident's progress was described as a "failure of imagination" in a study directed by Philip Zelikow. The Newfoundland town of Gander temporarily increased its population by one-third during this event as part of Operation Yellow (\*)** Ribbon. This event reused phase three of the Bojinka plot, which was engineered in part by this event's organizer, Khalid Sheikh Mohammed. A class of schoolchildren had their storytime interrupted when this incident took place during the early presidency of George W. Bush. For 10 points, name this 2001 tragedy in which hijacked airliners were flown into the Pentagon and the World Trade Center.
ANSWER: **9/11** [or the **September 11** attacks; or obvious equivalents such as the "**2001 World Trade Center** attack" until mention] <VC, American History>

12. **A text by this thinker describes the philosopher Wyman as someone who, despite his "espousal of unactualized 'possibles', limits the word existence to actuality". Czeslaw Lejewski used a description of free logic to criticize that essay in his work "Logic and Existence". Another work by this thinker proposes bivalence as the solution to the sorites paradox. A more well-known work by this thinker advocates semantic (\*)** "holism" and criticizes Rudolf Carnap with the comparison of the terms "bachelor" and "unmarried man". Another work by this thinker uses the example of a jungle native pointing to a rabbit and saying the word "gavagai" to demonstrate the "indeterminacy of translation". For 10 points, name this Harvard philosopher who wrote *Word and Object* and *Two Dogmas of Empiricism.*
Answer: Willard Van Orman **Quine** <RH, Philosophy>

13. **A story by this author ends with a description of a pear tree that "was as lovely as ever and as full of flower." In that story by this author, a woman retrieves a book with a poem that begins "Why must it always be tomato soup?" as she watches her husband tell a visiting woman that he adores her. Another story by this author ends with a woman thinking "she heard something crying" after putting away a (\*)** fur coat that had been insulted by a young girl in a public garden. In addition to a story about Bertha Young and the title sensation, this author wrote a story in which Laura is sent with leftovers to the house of a man whose death leads her to try to stop the title event. For 10 points, name this New Zealand author of "Miss Brill" and "The Garden Party."
ANSWER: Katherine **Mansfield** <GG, World Lit>

14. **This composer adapted a pattern from a Modest Mussorgsky song, *Sunless*, for an orchestral suite whose first movement opens with clarinets and bassoons playing alternating fifths and thirds, that movement is titled *Nuages* ["noo-AZH"], or *Clouds* in this composer's suite *Nocturnes*. A poem by Stephen Mallarmé inspired this composer to write a piece which opens with a solo (\*)** flute playing an almost-chromatic scale from a C sharp down an augmented fourth. This composer, who disliked the term "impressionist," wrote another naturalistic work whose second movement scherzo is titled "Play of the Waves," that movement is part of *La Mer* ["MAIR"]. For 10 points, name this French composer of pieces like *Prelude to the Afternoon of a Faun* and *Clair de Lune*.
ANSWER: Claude **Debussy** <AWD, Music>

15. **A metric space has a property named for one of these things "totally" if and only if every sequence has a Cauchy subsequence. In differential equations, a problem that has functions or derivatives specified at these points is called their "value problem." When calculating the time complexity of an algorithm, theta notation gives restrictions from two sides, while Big (\*)** O and Big Omega notations define different examples of these things. According to the monotone convergence theorem, an increasing sequence of numbers only converges if it has one of these; if one of these is included in a sequence, it is called the "supremum," or the "greatest lower" one. For 10 points, name these upper or lower limits that a sequence will not grow larger or smaller than.
ANSWER: **bound** [accept word forms like **bounds**, **bounded**, **boundary**] <AWD, Other Science>

16. **This river is crossed by the Otowi Suspension Bridge, which is made entirely of wood. A major tributary of this river is restricted in its flow by Red Bluffs Dam. This river is the primary habitat of hybognathus amarus, or this river's silvery minnow. A territorial dispute arose when this river changed its course and created the Ojinaga Cut. A curve in this river is the source for the name of Big (*)** Bend National Park. The banks of this river are the location of a proposed walking trail which would likely incorporate the nearby Paseo del Bosque Trail. An international crossing of this river is made by the Bridge of the Americas, which runs from El Paso to Ciudad Juárez. For 10 points, name this river which forms much of the border between Texas and Mexico.
ANSWER: **Rio Grande** [or **Río Bravo** del Norte] <VC>

17. **Cells infected with this disease release IFN-gamma in response to this disease's antigen, and the presence of that interferon is screened for alongside the proteins CFP-10 and ESAT-6 in the QuantiFERON gold test for this disease. Calcified granulomas resulting from this disease may form a Ghon complex when presenting alongside a certain type of infected lymph node. Isoniazid and ethambutol are two of the drugs used in the (*)** RIPE regimen for first-line treatment of this disease. When this disease manifests in the skeletal system, it is known as Pott's disease. Positive results on the Mantoux PPD skin test for this disease are gauged based on the induration size of a bump on the forearm. This disease's causative agent is a non-motile, highly aerobic *Mycobacterium*. For 10 points, name this respiratory disease once known as "consumption".
ANSWER: **Tuberculosis** [prompt on "Pott's disease" before mention] <RH, Biology>

18. **While holding this title, one man insisted that his vomiting was due to being "forced to listen to the ranting of my honorable opponent" and not due to alcohol. A holder of this title was ordered, "don't you come into my living room and piss on my rug!" by Lyndon Johnson. During a debate, a brief occupant of this position was told "you had an option, sir," referring to recent appointments by the local (*)** Governor General. The third and most recent use of the War Measures Act was invoked by a politician in this office, who, when asked about the extent of those powers, responded, "well, just watch me." The son of that holder of this position from the Liberal Party has held this position since November 2015. For 10 points, name this leadership position currently occupied by Justin Trudeau.
ANSWER: **Prime Minister** of **Canada** <VC, Misc/Other History>

19. **This artist depicted a woman looking away from the viewer as a man dressed as Mezzetino plays guitar from her music book in his painting *The Scale of Love*. Hay is strewn in the left foreground of another work by this artist that depicts men packing a portrait into a box. Several characters, such as Pantalon riding a donkey, can be seen in the background of another work by this artist showing a man dressed as an all white (*)** *commedia dell'arte* figure. This artist of *Gilles* ["zheel"], or *Pierrot* ["pee-air-OH"], and *Gersaint's* ["zher-SANS"] *Shopsign* was admitted to the Royal Academy of Painting and Sculpture for another work showing a bust of Venus decorated with a garland of roses. In that work, several cupids fly over a golden gondola about to embark on the title journey. For 10 points, name this French Rococo artist who painted *The Embarkation for Cythera* ["SITH-er-uh"].
ANSWER: Jean-Antoine **Watteau** <AWD, Painting>

20. **This element and chlorine are the namesakes of a four-step thermodynamic cycle that produces hydrogen gas and oxygen from the splitting of water. The presence of a powder of this element facilitates the formation of a diaryl ether in the Ullmann condensation. This element's chloride acts as a co-catalyst to prevent the formation of a precipitate in the Wacker process. A (*)** sulfate of this element is combined with Rochelle salt and serves as the oxidizing agent in one test to distinguish between aldehydes and ketones. A precipitate of this element's insoluble red oxide indicates the presence of reducing sugars in Benedict's test, and this metal produces a blue-green color in a flame test. For 10 points, name this metal found in Fehling's reagent, and in alloys such as brass and bronze.
ANSWER: **copper** <RH, Chemistry>

1. This province was the starting-point of the usurper Magnus Maximus, who is remembered in the legends of this province's modern western part. For 10 points each:
[10] Name this Roman province which was the northernmost territory defended by the fortifications of the Saxon Shore.
ANSWER: **Britannia** [or Roman **Britain**; or obviously similar descriptions]
[10] Roman Britain was rocked by a revolt led by this woman, who sacked Londinium but was decisively defeated at the Battle of Watling Street.
ANSWER: **Boudica** [or **Boadicea**; or **Buddug**]
[10] Boudica ruled this tribe which was once under the leadership of Prasutagus. Boudica's rebellion was caused by Roman claims to the kingship of this tribe in contradiction to the will that Prasutagus actually drafted.
ANSWER: **Iceni** <VC, Misc/Other History>

2. The red color on the throat of territorial males from this species acts as the sign stimulus in a classic example of fixed action patterns. For 10 points each,
[10] Name this aquatic model organism whose precise mating ritual was also the subject of a landmark study in ethology by Niko Tinbergen, as described in his *The Study of Instinct*.
ANSWER: **three-spined stickleback** [prompt on "stickleback"; or **G**asterosteus **aculeatus**]
[10] Another interesting fish-based ethological study involves observing this evolutionary process in the cichlids of East Africa's Rift Valley lakes. This process of rapid speciation was also observed in the fourteen finch species on the Galapagos Islands.
ANSWER: **adaptive radiation** [prompt on less specific answers like "evolution", "natural selection", or "speciation"]
[10] The transparent color and consistent size of this other aquatic model organism's fertilized eggs makes it popular for use in developmental biology research. This typically-striped fish species also exists in a completely transparent "Casper" strain.
ANSWER: **zebrafish** [or **D**anio **rario**] <RH, Biology>

3. This work's introduction begins with the question "Who now reads Spencer?". For 10 points each,
[10] Name this work of sociology that begins by discussing its author's "positivistic theory of action" before discussing the various theories of Marshall, Pareto, and Durkheim.
ANSWER: The *__Structure of Social Action__* [by Talcott Parson]
[10] That work's author, Talcott Parsons, is also widely-regarded in the field of sociology for his translations of this German thinker into English. This thinker's works include "Politics as a Vocation" and "The Protestant Ethic and the Spirit of Capitalism".
ANSWER: Max **Weber**
[10] Talcott Parsons was also very influential on the works of this other thinker. This sociologist and author of *Asylums* developed a "dramaturgical" model of social interactions in his best-known work.
ANSWER: Erving **Goffman** <RH, Social Science>

4. After this character's mother asks if she would like to sleep in her room that night, this character responds, "Are you afraid, Mama?" thus ending the play in which she appears. For 10 points each:
[10] Name this daughter of Regina whose father dies after being unable to reach his medicine. After Aunt Birdie tries to tell this character that she will be forced to marry Leo, she is slapped in the face by her husband Oscar.
ANSWER: **Alexandra** Hubbard [or **A**lexandra **Hubbard**, prompt on "Hubbard"]
[10] Alexandra appears in this play that chronicles the attempt of members of the Hubbard family to scrounge up the money to build a cotton mill. It was written by Lillian Hellman.
ANSWER: The *__Little Foxes__*
[10] Hellman was married to Dashiell Hammett, who wrote this detective novel in which Sam Spade pursues the title avian statuette after his partner Miles Archer is shot while following Floyd Thursby.
ANSWER: The *__Maltese Falcon__* <GG, American Literature>

5. In this work, a flute imitates birds, while horns represent the villainous title animal. For 10 points each:
[10] Name this "symphonic fairy tale" for orchestra and narrator by Sergei Prokofiev. The bouncy string section depicts the other title character of this work.
ANSWER: *Peter and the Wolf*
[10] The composer of this piece indicated that the flute at the end of the second movement imitates a nightingale, while the clarinet imitates a cuckoo bird. That movement of this symphony is subtitled "Scene by the Brook."
ANSWER: Symphony No. **6** [accept **Pastoral** Symphony]
[10] This composer wrote a concerto for flute nicknamed "The Goldfinch," as well as one called "The Storm at Sea." This composer published another concerto called "The Storm at Sea" in a collection of 12 concerti for violin.
ANSWER: Antonio **Vivaldi** <AWD, Music>

6. The handling of this event was criticized by Romeo Dallaire in his book *Shake Hands with the Devil*. For 10 points each:
[10] Name this 1994 event, which began after the death of Cyprien Ntaryamira ["Neh-tar-yah-mee-rah"], the President of Burundi. RTLM broadcast the phrase "cut down the tall trees" to signal the beginning of this event, where hundreds of thousands of Tutsi were killed by Hutu militias.
ANSWER: **Rwandan Genocide** [or **Rwanda Genocide** of 1994]
[10] Control of Rwanda passed from Germany to this other European country, which further intensified divisions between the Hutu and Tutsi by lending support to the Tutsi elite.
ANSWER: **Belgium** [or the Kingdom of **Belgium**; or Konigreich **Belgien**; or Koninkrijk **Belgie**; or Royaume de **Belgique**]
[10] This President of Rwanda was killed in the same plane crash as Ntaryamira. His death prompted RTLM to broadcast to "cut down the tall trees."
ANSWER: Juvenal **Habyarimana** <JO, World History>

7. In one scene in this play, two characters in turn hide behind a screen and inside a closet before a third character comes in and discovers the one behind the screen. For 10 points each:
[10] Name this play in which Lady Sneerwell tries to use forged letters from Snake to break up the relationship between Charles Surface and Maria, who is the ward of Sir Peter Teazle.
ANSWER: The *School for Scandal*
[10] *School for Scandal* was written by this British playwright who included Dangle and Sneer's commentaries on the fictional play *The Spanish Armada* in *The Critic*.
ANSWER: Richard Brinsley **Sheridan**
[10] While masquerading as a moneylender in *School for Scandal* Oliver Surface watches with horror as Charles auctions off these objects, but forgives him when he refuses to auction off a specific one.
ANSWER: **portraits** of **family** members [or **paintings** of **family** members, prompt on partial answer] <GG, British Lit>

8. The trade in this good, usually imported from North Africa, was represented in Roman times by the devotions of Cura Annonae. For 10 points each:
[10] Name this foodstuff, which was presumably ground into flour and formed one half of Rome's "panem et circenses."
ANSWER: **grain** [or obvious equivalents involving any plausible cereal]
[10] Grain distribution usually centered on the temple to this earth goddess who was originally head of the Aventine Triad. She was the mother of Proserpina and identified by the Romans as the counterpart to Demeter.
ANSWER: **Ceres**
[10] Ceres was often depicted with this symbol of prosperity, which was created when an infant Zeus accidentally injured his nursemaid, the goat Amalthea ["am-uhl-THEE-uh"].
ANSWER: **cornucopia** [or "**horn of plenty**"] <VC, Myth>

9. Name some things about certain instruments around the world, for 10 points each:
[10] The djembe ["JEM-bay"] is an instrument of this type which dates back to the Mali Empire and is still used extensively in West African music, particularly for dancing.
ANSWER: **drum** [or **percussion** instrument or other obvious equivalents]
[10] Daihachi Oguchi was a jazz drummer who helped revive this country's taiko ["TIE-ko"] drum music. One of the first performing *kumi-daiko* ensembles, Showa 26, began after World War II.
ANSWER: **Japan**
[10] This Indonesian percussion ensemble can incorporate a variety of instruments such as gongs and gendérs [hard g "GEN-dares"] which are tuned metallophones. Its regional varieties include Balinese, Javanese, and Sudnanese.
ANSWER: **gamelan** <AWD, Other Art>

10. Newton's second law can be rewritten as the derivative of this quantity with respect to time. For 10 points each,
[10] Name this conserved quantity equal to mass times velocity. The change in this vector quantity over time is equal to the impulse.
ANSWER: **linear momentum** [prompt on "p" or "momentum"; do not prompt on anything mentioning "angular momentum"]
[10] Another way of describing the linear momentum of a system is by performing this operation on a function in position space to move it to the linear momentum space. Generally, this operation changes a time-domain function into a frequency-domain function.
ANSWER: **Fourier transform**
[10] According to the so-called quantum analog of Newton's second law, Ehrenfest's theorem, the time derivative of this function of the linear momentum operator is related to this function of the force.
ANSWER: **expectation value** [or expected value] <RH, Physics>

11. In one pair of works by this artist, the body of Saint Mark can be seen being discovered in a hallway and subsequently carried into Venice. For 10 points each,
[10] Name this artist, who in another work depicted a man in a white turban standing above a variety of broken tools while being interrupted by the title event.
ANSWER: Jacopo **Tintoretto** [The title event is the *Miracle of the Slave*]
[10] Tintoretto's best-known work is a diagonal version of this scene housed in Venice's San Giorgio Maggiore. Christ is seated with outstretched arms in Da Vinci's depiction of this biblical scene.
ANSWER: The **Last Supper** [Il Cenacolo or L'Ultima Cena]
[10] In this other Tintoretto work, a dark eagle can be seen carrying a crab above two peacocks in the lower right corner. Stars emerge from Hera's hand while she nurses an infant Hercules in this painting.
ANSWER: The **Origin of the Milky Way** <RH, Painting>

12. A Red Crescent convo of trucks delivering food aid was attacked at Urum al-Kubra, a place 15 kilometers west of this city, resulting in 17 deaths. For 10 points each:
[10] Name this conflict-ridden city that was attacked in an offensive codenamed Operation Dawn of Victory. A photograph from this city shows five-year-old Omran Daqneesh sitting in an orange chair with blood on his face.
ANSWER: **Aleppo**
[10] Aleppo is a centerpoint of this ongoing conflict between the government forces of Bashar al-Assad and a variety of rebel factions.
ANSWER: **Syrian Civil War**
[10] A revolution in this autonomous region of Syria is also ongoing. This region consists partly of the Afrin, Jazira, and Robanî Cantons and it renamed itself the Democratic Federal System of Northern Syria in late 2016.
ANSWER: **Rojava** <GG, Geography/Current Events>

13. A plane crash during this war killed the general Emilio Mola, who coined the term "fifth column." For 10 points each:

[10] Name this war, whose leaders included Jose Sanjurjo, who also died in a plane crash. During this war, the German Condor Legion bombed the Basque town of Guernica.
ANSWER: **Spanish Civil** War
[10] This man led the victorious Falange during the Spanish Civil War. This Generalissimo was succeeded by Juan Carlos I after his death in 1975.
ANSWER: Francisco **Franco** [or Francisco Paulino Hermenegildo Teódulo **Franco** Bahamonde]
[10] During this battle of the Spanish Civil War, the Republican army attempted to capture a namesake Nationalist provincial capital. Antonio Aranda led the counterattack at this battle, which reached this location's "tooth."
ANSWER: Battle of **Teruel** <JO, European History>

14. The introduction to this work describes a meeting with a doctor who says that to "read one line of [the author of this collection] is to forget all the troubles of the world." For 10 points each:
[10] Name this collection whose name translates to "song offerings." One of its poems describes a "little flute of a reed thou hast carried over hills and dales, and hast breathed through it melodies eternally new."
ANSWER: *Gitanjali*
[10] *Gitanjali* was written by this Nobel Prize-winning Bengali poet and mystic who wrote the national anthems of Bangladesh and India.
ANSWER: Rabindranath **Tagore**
[10] A section of *Gitanjali* describes a "seashore" of "worlds" described by *this word* where "children meet with shouts and dances." *Gitanjali* opens, "thou hast made me [*this word*], such is thy pleasure."
ANSWER: **endless** <GG, World Lit>

15. One cover for this magazine was drawn in the wake of the RFK Assassination by Roy Lichtenstein and shows a hand holding a gun pointing outward from the magazine. For 10 points each:
[10] Name this magazine created by Britton Haden and Henry Luce. Another cover for this magazine shows the question "Is God Dead?" in red letters on a black background for the article "Toward a Hidden God."
ANSWER: *Time*
[10] A cover typically known as *Afghan Girl* was photographed by Steve McCurry as the cover for this magazine known for its thick yellow borders and published by its namesake society.
ANSWER: *National Geographic*
[10] Saul Steinberg's most famous cover illustration for the *New Yorker* is titled "View of the World from" *this location* and shows a flattened view of the world split by the Hudson River and the Pacific Ocean.
ANSWER: **9th Ave**nue <GG, Trash/Other>

16. It doesn't mention an infancy narrative, the Lord's Prayer, or Jesus appearing post-Resurrection. For 10 points each:
[10] Name this shortest Gospel with the least amount of unique material. It is placed between Matthew and Luke in the Bible, but it was probably written first.
ANSWER: Gospel of **Mark**
[10] Matthew, Mark, and Luke are usually referred to by this term, from a Greek word meaning "seen in one view," which describes how similar their narratives are.
ANSWER: **synoptic** [accept *sunopsis* or *sunoptikos*]
[10] Long passages in Mark and Luke are exactly the same, leading some scholars to conjecture the existence of this hypothetical source used by both apostles. This document may have been compiled in the 40s or 50s AD.
ANSWER: **Q** source <AWD, Religion>

17. After his companion leaves an inn without paying, this character is wrapped in a blanket and tossed in the air by the other guests at the inn. For 10 points each:
[10] Name this character who is promised a governorship to accompany another man as his squire. He resists the command that he must give himself three thousand lashes to free another character from her spell.

ANSWER: **Sancho** **Panza** [accept either]
[10] Sancho Panza is the squire to this literary knight who is defeated by the Knight of the White Moon and ultimately dies in his bed. He was created by Miguel de Cervantes.
ANSWER: Don **Quixote** [or Alonso **Quixano**]
[10] Although Don Quixote is about to fight a man from Biscay at the end of Chapter Eight, Chapter Nine begins with a man buying *this object* in Toledo and getting a Spanish-speaking Morisco to translate it from Arabic.
ANSWER: the **manuscript** of *Don Quixote* [accept equivalents such as "the **book itself**"] <GG, Euro Lit>

18. Consider a molecule of bromine pentafluoride. For 10 points each,
[10] According to VSEPR theory, since bromine penta·flouride has six electron domains, five of which are bonding domains and one of which is a nonbonding domain, it possesses this molecular geometry, which is also exhibited by xenon oxy·tetra·fluoride. You have 10 seconds.
ANSWER: **square pyramid**al [do not accept octahedral]
[10] In general, this is the name given to the two free electrons occupying a non-binding domain, such as the one found in bromine pentafluoride. They are also represented by two dots in a lewis dot diagram.
ANSWER: **lone pair**
[10] Because bromine pentafluoride is square pyramidal, it is also capable of exhibiting this type of pseudo·rotation, which is more commonly observed in trigonal bipyramidal compounds. In this process of vibrational isomerism, two axial ligands are exchanged for two equatorial ligands.
ANSWER: **Berry** mechanism [or **Berry** pseudorotation] <RH, Chemistry>

19. A union regiment found Robert E. Lee's plans for this battle rolled around three cigars. For 10 points each:
[10] Name this bloodiest single-day battle in American history. The result of this battle caused Abraham Lincoln to issue the preliminary Emancipation Proclamation.
ANSWER: Battle of **Antietam** [or Battle of **Sharpsburg**]
[10] This Union general captured a namesake bridge at Antietam. He ordered the arrest of Clement Vallandigham while leading the Department of Ohio, and he lends his name to a facial hair style.
ANSWER: Ambrose **Burnside**
[10] Late in the day at Antietam, this Confederate general's division came from Harper's Ferry and counterattacked, saving Lee's army. This general commanded a "Light Division" that fought at the Seven Days Battles.
ANSWER: A.P. **Hill** [or Ambrose Powell **Hill**, Jr.] <JO, American History>

20. Solar radiation causes this substance to lose angular momentum and move inward while orbiting a star in the Poynting-Robertson effect. For 10 points each,
[10] Name this small intergalactic substance, which along with ionized gas, composes the interstellar medium.
ANSWER: cosmic **dust** [or space/intergalactic/interstellar dust or "basically anything implying its dust… in space"]
[10] Cosmic dust may aggregate into dense regions known as Bok globules, which are active homes for this process. This process occurs when a molecular cloud expands beyond the Jeans length, and may result in T-Tauri objects being produced.
ANSWER: **star formation** [accept logical equivalents like "creating/forming a protostar"]
[10] Following star formation, infant stars of less than 3 solar masses may be modelled by this temperature-luminosity relationship. It models protostars after their rapid contractions end, and on an HR diagram this "track" is a nearly-vertical line.
ANSWER: **Hayashi** track <RH, Other Science>