

ILLIAC -- ILLinois Academic Competition -- Round 8

1. In a 2017 interview, this politician said, “I had a moment of weakness and it came out a woman” when describing the birth of his fifth child. This politician came to prominence after a 1986 interview with the magazine *Veja*. In 1991, this member of the Social Liberal party was elected federal deputy. This man was stabbed by Adélio Bispo de Oliveira in September of 2018. The arrest of Workers Party candidate Luiz Inácio (*) Lula da Silva helped this politician lead in the polls during a presidential election that saw a 75-percent increase of homophobic hate crimes in Sao Paulo. For 10 points, name this far-right politician, sometimes dubbed the “Brazilian Donald Trump.”

ANSWER: Jair Messias **Bolsonaro**

< Jaden Lucas | *Other Academic - Current Events* >

2. Lieutenant Governor Paul Cyr attempted to overthrow this man from one office, leading Cyr to be replaced by Alvin King and enabling the electoral victory of this man’s hand picked successor, O.K. Allen. The Old Regulars political machine was defeated by this man during his bid for governorship. This author of (*) *My First Days in the White House* ousted Benjamin Pavy from office, leading this governor to be assassinated by dentist Carl Weiss in 1935. This governor’s “Share Our Wealth” program promised to make “every man a king.” For 10 points, name this man, nicknamed “Kingfish,” a senator and governor from Louisiana.

ANSWER: Huey Pierce **Long** Jr. [prompt on Kingfish]

< Sarod Nori | *US History* >

3. After a columnist in one novel by this author goes missing, the columnist’s brother begins to dress up as him and take over his life. The protagonist of another novel by this author witnesses the death of the Director of the Institute of Education while at the New Life Pastry Shop. This author created a character who falls in love with a girl while buying a counterfeit handbag for his (*) fiancée Sibel. This author of *The Black Book* wrote about Olive confessing to murdering Enishte and Elegant Effendi. Another of this author’s novels follows the poet Ka and the suicide of the “headscarf girls.” For 10 points, name this Turkish author of *The Museum of Innocence*, *My Name is Red*, and *Snow*.

ANSWER: (Ferit) Orhan **Pamuk**

< Mitch McCullar | *Long-Form Fiction* >

4. New initiates to this religion must avoid physical contact with other people and the ocean, to prevent spiritual contamination. The initiates of this religion, known as “iyawó” (*ya-WO*), have energy-filled multicolored beads called eleke (*e-le-kay*) placed on them in an *ile* (*ee-lay*) house and must wear (*) white for one year. Priests in this religion read “odu,” or signs, when throwing cowrie shells in a divination ritual. This religion worships a supreme deity named Olodumare, whose aspect Olofi communicates directly with spirits called Orishas. A 1993 Supreme court case upheld this religion’s practice of sacrificing chickens. For 10 points, name this Yoruban-Catholic syncretic religion which is prevalent in Cuba.

ANSWER: **Santería** [accept **Regla de Ocha**; accept **Regla de Ifá**; accept **Lucumí**]

< Ethan Ashbrook | *Religion* >

5. This word titles a Giuseppe Arcimboldo (*joo-SEP-pee ahr-cheem-BOL-do*) work where a golden fleece hangs in front of the body of a man made up of guns and cannons with this word being depicted in his hair. It's not story or captive, but this is the last word in a painting by Magritte depicting an upside down tuba in a condition descriptive of this word. This is the first word of a painting by Giulio Romano and Raphael depicting a man with (*) a water jug on his head and a naked man climbing a wall -- titled [this word] "in the Borgo." A JMW Turner painting shows the Houses of Lords and Commons being destroyed by this substance. For 10 points, name this substance which surrounds the wick of Georges de la Tour's candles.

ANSWER: **fire** [accept word forms; accept equivalents like **being on fire** or **getting lit**; accept verbs like **burning** or **flaming**]

< Iain Carpenter | *Painting and Sculpture* >

6. One aria by this composer in 3/8 time has the tenor hold an F-sharp for four bars on the *e* ("ay") of "e di pensier" (*AY dee pense-YAIR*). That aria by this composer has a six-note phrase beginning with three emphatic eighth-note D-sharps before repeating the whole phrase down a step. Spanish gypsies use work tools as percussion in a chorus by this composer. The two main characters of another opera by this composer sing the (*) brindisi, "Libiamo ne'lieti calici." (*leeb-YAH-mo nay-lyeh-tee ka-lee-chee*). This composer took inspiration from a Dumas *fil*s (*fees*) work for an opera that ends with Violetta dying in Alfredo's arms. "La donna è mobile" is sung by the Duke of Mantua in an opera by, For 10 points, what Italian composer of *La Traviata*, *Il Trovatore*, and *Rigoletto*?

ANSWER: Giuseppe **Verdi**

< Dylan Bowman | *Music* > (the unnamed chorus is the Anvil Chorus)

7. This figure has a son who unites the villages of Hyperea and Anthea into the city Troezen, which was named after one of this figure's sons. This man's bones were lost after a boat traveling from Troy was shipwrecked on its way back to Pisa. Two of this man's sons were banished with their mother after they conspired to murder Chrysiptus, a bastard son of this man. This man won the hand of (*) Hippodamia, after he convinced the charioteer Myrtilus to sabotage Oenomaus's chariot. Demeter accidentally ate this man's shoulder after his father, Tantalus, chopped him up and fed to the gods. For 10 points, name this namesake of the southern peninsula of Greece.

ANSWER: **Pelops**

< Ethan Ashbrook | *Mythology, Legends, and Stories* >

8. One part of this work claims that society has developed to a point where the morality of actions is based on their origins instead of their consequences. The author of this work says that "the time for petty politics is past" in a section discussing the qualities of certain nationalities. This work contrasts the notions of "noble" and "base" according to what mankind and religion deems as (*) "good." This book ends with the aftersong "From High Mountains" and begins by asking, "Suppose truth is a woman -- what then?" The author's *On the Genealogy of Morals* expands upon this book. For 10 points, name this book written by Friedrich Nietzsche, which discusses moving past the two title notions.

ANSWER: ***Beyond Good and Evil: A Prelude to a Philosophy of the Future*** [accept ***Jenseits von Gut und Bose: Vorspiel einer Philosophie der Zukunft***]

< Ethan Ashbrook | *Philosophy* >

9. **One ruler with this title was the father of Peter I, King of Hungary. Another ruler with this title defeated Robert Guiscard at the Battle of Durazzo, after which Alexios I Komnenos awarded his domain with a Golden Bull. The last ruler of this title, Ludovico Manin, abdicated under pressure from French forces in 1797.** A (*) blind holder of this title, Enrico Dandolo, participated in the Sack of Constantinople during the Fourth Crusade. Some holders of this title would cast a ring from the bucentaur barge in “The Marriage of the Sea” ceremony. For 10 points, name this title held by the leaders of a “Most Serene Republic,” centered around a maritime city in northeast Italy.

ANSWER: **Doge** of **Venice** [prompt on **Doge**]

< Jonathan Lau | *Continental Europe* >

10. **These compounds can be made using a chromium-based heterogeneous catalyst on a silica support. The Phillips catalyst aids in the formation of these compounds -- which can be classified as atactic, isotactic, or syndiotactic depending on their stereochemistry. The distribution of these compounds in a solvent is modelled by Flory-Huggins solution theory. These compounds can be formed using a (*) Ziegler-Natta catalyst.** The formation of this class of molecules can be broken down into the phases: initiation, propagation, and termination. Teflon and Nylon are examples of, for 10 points, what class of compounds formed from repeating identical subunits?

ANSWER: **polymers** [accept **plastics**; accept **polymers** of alkenes; or **polymer**s of olefins]

< Michael Etzkorn | *Chemistry* >

11. **The title characters of one poem in this language hope that God forgives them because their “blunders were not few.” A poet who wrote in this language declared, “we must try to live!” in a poem set “where dove-sails saunter by.” This language was used for “Ballade of the Hanged Men,” and for a poem that begins with thoughts of (*) Andromache.** “Graveyard by the Sea” was written in this language that was used for a collection that features a poem about a bird whose “giant wings prevent him from walking;” that collection begins with a poem addressed to the reader. *The Flowers of Evil* was written in, for 10 points, what language spoken by Paul Valery and Charles Baudelaire?

ANSWER: **French** [or **Français**] (“Ballade of the Hanged Men” is by Francois Villon)

< Mitch McCullar | *Non-Epic Poetry* >

12. **The canonical form of this quantity is equal to the derivative of the Lagrangian with respect to the time derivative of a generalized coordinate. This quantity is equal to the Fourier transform of position. According to Hamilton’s equations, the time derivative of this quantity is equal to the negative derivative of the Hamiltonian with respect to its conjugate coordinate. The kinetic energy (*) of a particle is equal to the square of this quantity divided by two times the mass of the particle.** According to Newton’s Second Law, force is equal to the time derivative of this quantity. For 10 points, name this quantity, symbolized p, the product of mass and velocity.

ANSWER: linear **momentum** [prompt on **p**; do **NOT** accept or prompt on “angular momentum”]

< Iain Carpenter | *Physics* >

13. This kingdom's prince Zannanza disappeared while traveling to marry Queen Dakhamunzu. One ruler of this kingdom defeated a confederation of 22 states called the Assuwa League. Later rulers of this kingdom spoke Luwian, the language of a nearby kingdom. It's not Assyria, but another ruler of this kingdom sacked Washukanni, the capital of the (*) Mitanni Kingdom. In addition to being led by Suppiluliuma I, this kingdom was led by Mursili I, whose 1531 BC sack of Babylon is recounted in the Edict of Telepinu. The oldest surviving peace treaty was signed after their emperor Muwatalli II lost to Ramses the Great at Kadesh. For 10 points, name this Anatolia based kingdom that ruled from Hattusa.

ANSWER: Hittites [accept Hittite Empire or Hittite Kingdom]
< Mitch McCullar | *Classics, Britain or Commonwealth, Other* >

14. While using one of these objects, the narrator of a novel meets the title character, who wears an identifiably fake wig and carries a fake passport; that title character is revealed to be a masochistic communist in a Christopher Isherwood novel narrated by William Bradshaw titled *Mr. Norris Changes* [one of these objects]. In a novel titled after one of these objects, a fugitive named (*) Casetti hides on one of these objects after he had earlier kidnapped and murdered Daisy Armstrong. Hercule Poirot discovers that twelve people stabbed Ratchett in an Agatha Christie novel set on one of these vehicles. For 10 points, name this sort of vehicle, the setting of *Murder on the Orient Express*.

ANSWER: trains [accept Orient Express before mentioned; accept logical equivalents like locomotive or railroad; accept *Mr. Norris Changes* Trains]
< Ethan Ashbrook | *Misc Literature* >

15. This mathematician showed that primes of the form, $1 \pmod{4}$, can be written as the sum of the squares of two numbers. One of this mathematician's theorems, extended by Euler, states that for coprime numbers a and b , (pause) a to the power of the Euler totient of b is equal to $1 \pmod{b}$. This man's "liars" are also called (*) Carmichael numbers and pass his namesake primality test. This mathematician posited that a certain Diophantine equation had no non-trivial solutions for n greater than two. Andrew Wiles (*viles*) proved this man's conjecture involving the formula a to the n plus b to the n equals c to the n . For 10 points, name this French number theorist, the namesake of a 'little' and 'last' theorem.

ANSWER: Pierre de Fermat
< Iain Carpenter | *Other Science - Math* >

16. According to one psychologist, these subjects possess "monotropy," which is explained by the PDD model in the short-term. In a Robert Fanz experiment, these subjects were shown a bulls-eye and a face. A checkerboard carpet and glass table made up an experimental apparatus used by Eleanor Gibson and Richard Walk to test the reaction of these subjects in the (*) Visual Cliff Experiment. In another experiment, one of these people was shown objects such as a Santa Claus mask and a rabbit, accompanied by a loud noise. Little Albert was one of, for 10 points, what subjects of developmental psychology?

ANSWER: infants [accept babies or toddlers; accept neonates; prompt on children; prompt on people]
< Ethan Ashbrook | *Social Science* >

17. **This architect claimed “even if I try, I won’t be able to do this well, so therefore, why try?” while designing the rock layout to a Chinese-style garden for a museum whose rhomboid-plated walls are outlined in black borders. This architect designed a building that was turned into a playable tetris game; that building is MIT’s (*) Green Building.** Other American projects by this architect include a design for the Kennedy library. This architect of the Suzhou museum used rhomboid and triangular glass segments for a structure that sits in the main courtyard of a French museum. For 10 points, name this 101-year-old Chinese architect who designed the Louvre Pyramid.

ANSWER: I(eoh) M(ing) Pei (FAIA, RIBA)

< Michael Etzkorn | *Other Fine Arts* >

18. **One story by this author ends with the narrator wondering if there was “someone kind enough to strangle him in his sleep” after waking up from a nightmare filled with raincoats. Another story by this author details an artist painting an owl attacking his apprentice to help him with a torture scene in the title painting. This author of (*) “Cogwheels” wrote a story about varying accounts of a murder from a priest, an old woman, a hōmen, the bandit Tajomaru, a woodcutter, and the ghost of Takehiro himself, who asserts that he elected to commit suicide.** For 10 points, name this author of “Hell Screen” and “In a Grove” who names a prize for Japanese literature.

ANSWER: Ryunosuke Akutagawa [accept Akutagawa Ryunosuke; do **NOT** accept or prompt on “Ryunosuke”]

< Mitch McCullar | *Short-Form Fiction* >

19. **One class of proteins involved in this process is characterized by LOV domains bound to flavin mononucleotides. Another group of proteins in this process binds to an FAD cofactor and shows high levels of homology with photolyases. The acid growth hypothesis theorizes that substances, such as indoleacetic acid, initiate this process. PIN proteins are responsible for transport of a (*) chemical central to this process.** The Cholodny-Went hypothesis proposed that this process occurs due to a redistribution of auxins, resulting in the elongation of cells on one side of a plant’s stem. For 10 points, name this term that describes a plant’s tendency to grow towards a source of light.

ANSWER: phototropism [prompt on light sensing; prompt on descriptive answers like “bending towards light” with “What term describes that process?”]

< Jonathan Lau | *Biology* >

20. *Two answers required.* **One of these two countries launched Operation Soberania causing Pope John Paul II to send Antonio Samore as a mediator between them. An end to a border dispute between these two countries is commemorated by a statue of *Christ the Redeemer*. The (emphasize) 1984 Treaty of Peace and Friendship ended the Beagle Conflict between these two countries. A leader from one of these two countries from the (*) Cuyo Province won the Battles of Chacabuco and Maipu to liberate the other of these two countries from royalist rule before sailing to Peru; that leader was Jose de San Martin. These two countries divide the Tierra del Fuego archipelago.** For 10 points, name these two southernmost South American countries.

ANSWER: Republica Argentina AND Republica de Chile (accept in either order) [accept Argentine Republic in place of Argentina, prompt on either answer given alone]

< Jonathan Lau / Michael Etzkorn | *Non-European, Non-Commonwealth History* >

BONUSES:

1. In the early 11th century, Guido d'Arezzo became an influential figure in the development of music notation and education. For 10 points each:

[10] In addition to staff notation, Guido created a note-labelling system based on syllables in the hymn *Ut queant laxis*. That system was the precursor to this one, where the "ut" was replaced by an open syllable.

ANSWER: **solfège** [or **solfeggio**; or **solfa**]

[10] The medieval composers Leonin and Perotin were innovative in their use of polyphony in plainchant. The two were part of the Notre Dame school, which was based in this city of France.

ANSWER: **Paris**

[10] An early medieval composer was this abbess, known as the "Sybil of the Rhine." She composed many liturgical songs and wrote *Ordo Virtutum*, the oldest known morality play.

ANSWER: **Hildegard** of Bingen [or **Hildegard** von Bingen or **Hildegardis** Bingenensis; prompt on **von Bingen**]

< Bryan Lu | *Music* >

2. Answer some questions about concepts from Jainism. For 10 points each:

[10] In Jainism, this concept is believed to be a physical contaminant that is attracted to the soul. In Buddhism, this concept is often equated to volitional action and is the force that sparks new life.

ANSWER: **karma**

[10] Jains believe that this concept is eternal and unending, although they divide it into units, called Aras.

ANSWER: **time**

[10] According to Jainism, this thing survives death and goes through Samsara. It is similar to the western concept of soul and is sometimes combined with the Hindu concept of Atman.

ANSWER: **jiva**

< Brad McLain | *Religion* >

3. Two of these reactions begin with the formation of a strong Lewis acid. For 10 points each:

[10] Name this set of reactions that include methods of performing acylation or alkylation via electrophilic aromatic substitution.

ANSWER: **Friedel-Crafts** reactions [prompt on partial answers]

[10] Friedel-Crafts reactions are useful for creating derivatives of this aromatic compound with formula C₆H₆.

ANSWER: **benzene**

[10] Acylated benzene products can be converted to alkylated products through this reaction. The mechanism of this reaction isn't quite understood, but it involves removal of a ketone group at the benzylic position which is cleaved in the presence of a zinc/mercury amalgam and hydrochloric acid.

ANSWER: **Clemmensen** reduction

< Michael Etzkorn | *Chemistry* >

4. Some of this city's water is supplied by Vihar Lake, located in Sanjay Gandhi National Park. For 10 points each:

[10] Name this city that contains the tallest single house in the world. This largest city in India was formerly known as Bombay.

ANSWER: **Mumbai**

[10] Maharashtra, the state containing Mumbai, is bordered to the north by this state of India centered on the Kathiawar Peninsula. Notable figures from this state include Mohammad Ali Jinnah, Narendra Modi, and Mahatma Gandhi. This state borders Pakistan's Sindh region on the northwest.

ANSWER: **Gujarat**

[10] Seventy-eight volunteers gathered in Ahmedabad, the former capital of Gujarat, to begin Mahatma Gandhi's Salt March to the city of Dandi on this body of water. This subregion of the Indian Ocean is named for a large peninsula to its northwest. Mumbai is the largest port on this body of water.

ANSWER: **Arabian Sea** [prompt on Arabian]

< Jonathan Lau | *Geography* >

5. Loki had some real people issues in the *Lokasenna*. For 10 points each:

[10] The *Lokasenna* is based around Loki's interruption of this god's feast. Loki killed this sea god's servant Fimafeng and threatened his other servant Eldir, so Loki could be let into this god's feast party.

ANSWER: **Aegir**

[10] After being let in to Aegir's feast, Loki proceeded to get into a verbal fight with this god of poetry, during which Loki insulted this god's wife, Idunn.

ANSWER: **Bragi**

[10] After Loki had his temper-tantrum, this god came in and threatened to behead Loki unless he left. Loki, fearing this wielder of Mjølfnir, elected to leave Aegir's feast.

ANSWER: **Thor**

< Ethan Ashbrook | *Mythology, Stories, and Legends* >

6. One Hungarian used this art medium to depict a fork resting on a plate. For 10 points each:

[10] Name this medium used by André Kertész and Brassai to depict Paris nightlife. Brassai would carry around a heavy wooden tripod to assist him in capturing art in this medium.

ANSWER: **photography**

[10] Another Hungarian photographer, László Moholy-Nagy (*ma-HO-ee-nazh*), was fascinated by this phenomenon and designed a "space modulator" named for it. Minimalist Dan Flavin is known for using this phenomenon in his monuments.

ANSWER: **light** [accept **neon**; accept **fluorescence**; accept **Light-Space Modulator**; accept **Light Prop** for an Electric Stage; accept logical equivalents like **electromagnetic radiation** or **photons**]

[10] Moholy-Nagy (*ma-HO-ee-nazh*) founded a "new" version of this art school in Chicago, Illinois. This interdisciplinary German school was founded by Walter Gropius, and it was once directed by Ludwig Mies van der Rohe.

ANSWER: Staatliches **Bauhaus**

< Iain Carpenter | *Other Fine Arts* >

7. Everybody loves Raymond. For 10 points each:

[10] Raymond Carver is perhaps best known for this story, which revolves around the conversations of the couples Nick and Laura and Mel and Terri.

ANSWER: “**What We Talk About When We Talk About Love**”

[10] Raymond Chandler created Philip Marlowe, a character with this profession. Other literary characters with this profession include Sherlock Holmes.

ANSWER: **detective** [or **inspector**; or private **investigator**; or **sleuths**; accept obvious synonyms]

[10] Raymond Queneau (*kuh-noh*) co-founded this French literary movement. This movement’s style is exemplified in Georges Perec’s lipogrammatic novel *A Void*, which avoids using “e.”

ANSWER: **Oulipo** [or **Ouvroir de Littérature Potentielle**; or **workshop of potential literature**]

< Mitch McCullar | *Misc Literature* >

8. This story ends after Clovis reads a newspaper article about a man being killed by an elephant in the Dresden Zoological Garden. For 10 points each:

[10] Name this short story that follows Cornelius Appin teaching a cat to talk, which results in the title cat hurling insults at the guests of a dinner party.

ANSWER: “**Tobermory**”

[10] “Tobermory” appears in *The Chronicles of Clovis*, a short story collection by this author of “The Interlopers” and “The Open Window.”

ANSWER: **Saki** [or Henry Hector **Munro**]

[10] Another story in *The Chronicles of Clovis* is titled for a hyena with this name that eats a gypsy child. In a story by J.D. Salinger, a girl with this name gives her father’s wristwatch to Sergeant X.

ANSWER: **Esme** [or “For **Esme** - with Love and Squalor”]

< Mitch McCullar | *Short Form Fiction* >

9. This city was initially known as Holmgard and defeated the Teutonic Order at the Battle on the Ice. For 10 points each:

[10] Name this Russian city on the Volkhov River where the Rurikid dynasty ruled until this city’s assimilation into the Grand Duchy of Moscow by Ivan III in 1478.

ANSWER: **Novgorod** [or Veliky **Novgorod**; accept **Novgorod** the Great; accept **Novgorod** Veliky]

[10] Novgorod was part of an entity called this city’s “Rus.” This city is located on the Dnieper River in modern-day Ukraine.

ANSWER: **Kiev** [or **Kyiv**]

[10] Eastern European Vikings were given this name by the Byzantines. Six thousand people known by this name formed the Byzantine emperor’s personal guard.

ANSWER: **Varangians** [accept **Væringjar**; accept **Várangoi**; accept **Variágoi**]

< Sarod Nori | *Continental Europe* >

10. These particles move towards Earth at 99% the speed of light and have a halflife of roughly 2.2 microseconds. For 10 points each:

[10] Name these leptons with charge of negative one that are 207 times more massive than their more stable counterpart.

ANSWER: **muons**

[10] Muons decay into these more stable leptons, whose antiparticle is the positron.

ANSWER: **electrons**

[10] This 1940 experiment, performed at Echo Lake, gave a confirmation of time dilation while measuring muons. This experiment was followed up with the Frisch-Smith experiment 23 years later.

ANSWER: **Rossi-Hall** experiment [prompt on partial answers]

< Iain Carpenter | *Physics* >

11. In one book, this thinker argued that Descartes' idea of primary attributes is actually the relations between occasions. For 10 points each:

[10] Name this author of *Process and Reality* who also analyzed the history of scientific developments in *Science in the Modern World*.

ANSWER: Alfred North **Whitehead**

[10] Whitehead collaborated with this other British philosopher and mathematician on the *Principia Mathematica*. This thinker posited a namesake teapot in his essay "Why I Am Not a Christian."

ANSWER: Bertrand Arthur William **Russell**, 3rd Earl Russell

[10] In this essay by Russell, he analyzes the statement "the present king of France is bald." This essay provides a descriptivist theory of language and attempts to resolve puzzles involving negative existentials.

ANSWER: "**On Denoting**"

< Brad McLain | *Philosophy* >

12. Answer some questions about amendments to the U.S. constitution. For 10 points each:

[10] This amendment granted women the right to vote. It was passed following an amendment banning "intoxicating liquors."

ANSWER: **19th** amendment

[10] A follow up to the 19th amendment was this unratified constitutional amendment, which sought to stop discrimination on the basis of sex.

ANSWER: **Equal Rights** Amendment [or **ERA**]

[10] Of all 36 states involved in a vote to ratify the 13th amendment, there were a few that took awhile to get around to approving the banning of slavery. In February of 2013, this state became the final state to ratify the 13th, after initially rejecting it.

ANSWER: **Mississippi**

< Michael Etkorn | *US History* >

13. In this novel, an emperor compares the growth of the title constructs to a game of chess. For 10 points each:

[10] Name this novel about a discussion between Marco Polo and Kublai Khan about the title constructs.

ANSWER: **Invisible Cities** [or **Citta Invisibili**]

[10] *Invisible Cities* is by this Italian author of *If on a winter's night a traveler*.

ANSWER: Italo (Giovanni) **Calvino** (Mameli)

[10] In *If on a winter's night a traveler*, the Reader and Ludmilla go to the department of Bothno-Ugaric languages to talk to this expert on Cimmerian literature. This professor and the Cimbrian expert, Professor Galligani, get into an argument about the language used to write *Leaning from the steep slope*.

ANSWER: **Uzzi-Tuzii** [accept either underlined portion]

< Mitch McCullar | *Long Form Fiction* >

14. This book's final chapters discuss a plan for a society built on collective exchange processes. For 10 points each:

[10] Name this non-Malinowski work that discusses potlatch and "forms and functions of exchange in archaic societies."

ANSWER: *The **Gift*** (by Marcel Mauss)

[10] In *Argonauts of the Western Pacific*, Malinowski found that this system was why Trobriand Islanders would "risk life and limb to travel across huge expanses of dangerous oceans" to give necklaces to other groups.

ANSWER: **Kula** ring [accept **Kula** exchange; do NOT accept or prompt on "Kulak"]

[10] The necklaces used in the Kula ring are an example of this thing that serves as a medium of exchange, a unit of account, and a store of value. The US dollar is an example of the "fiat" variety of this thing.

ANSWER: **money** [accept **currency**]

< Sarod Nori | *Social Science* >

15. This artist placed a ladder between two sections of a canvas in his work *Winter Pool*. For 10 points each:

[10] Name this Neo-Dada artist who created *Erased de Kooning*. This artist made a series of paintings taking aspects from sculpture which he termed "combine."

ANSWER: (Milton Ernest) "Robert" **Rauschenberg**

[10] This alcoholic New York artist would supposedly always ask who Rauschenberg was and what he was doing here whenever Rauschenberg showed up at the bar that this artist frequented. This Abstract-Expressionist painted over 300 drip paintings.

ANSWER: (Paul) Jackson **Pollock** [prompt on **Jack the Dripper**]

[10] After marrying Susan Weill, Rauschenberg had an affair with the artist Cy Twombly. Twombly was highly inspired by this style of art practiced by Jean-Michel Basquiat.

ANSWER: **graffiti** [accept **street** art]

< Iain Carpenter | *Painting and Sculpture* >

16. The Ezeiza massacre took place after this leader's return from exile, leading him to expel the Montoneros from the Justicialist party. For 10 points each:

[10] Name this leader whose country was put through a "National Reorganization Process" after his death in 1974.

ANSWER: Juan Domingo **Perón**

[10] The "National Reorganization Process" was better known by this name. This "war" was a part of Operation Condor and saw the disappearance of more than 30,000 people.

ANSWER: **Dirty War** [or **Guerra Sucia**]

[10] The Dirty War took place in this country, formerly led by Juan Perón. This country fought a war with Britain over the Falkland Islands.

ANSWER: **Argentina** [or **Argentine Republic**]

< Michael Etzkorn | *Non-European, Non-Commonwealth History* >

17. The Miller classification scheme characterizes this type of storm. For 10 points each:

[10] These extra-tropical cyclones form as a result of the sharp gradient between warm Gulf stream waters and frigid Canadian air. They often bring heavy winter precipitation to the East Coast.

ANSWER: **Nor'easter**

[10] The destructive power of the winds in a Nor'easter can be measured on this meteorological scale that ranks wind speeds from zero to twelve.

ANSWER: **Beaufort** wind force scale

[10] Bombogenesis in Nor'easters can create these severe snowstorms, defined by high winds and low visibility.

ANSWER: **blizzards**

< Nathan Fredman | *Other Science - Earth Science* >

18. The speaker of this poem mistakenly compares himself to "stout Cortez" discovering the Pacific Ocean. For 10 points each:

[10] Name this poem. The speaker of this poem claims to have travelled in "realms of gold," but never breathed "pure serene" until hearing the "loud and bold" voice of the title translator.

ANSWER: "**On First Looking into Chapman's Homer**"

[10] "On First Looking into Chapman's Homer" is by this English Romantic who philosophized on death in his "Ode to a Nightingale" and claimed "beauty is truth -- truth beauty" in an "Ode on a Grecian Urn."

ANSWER: John **Keats**

[10] In a Keats sonnet, the speaker wishes to be as "steadfast" and "still unchangeable" as this kind of object, in the sense that he wishes to be forever "pillow'd upon [his] fair love's ripening breast."

ANSWER: bright **star** [accept "Bright **star**, would I were as stedfast as thou art."; accept North **star**; accept **Polaris**]

< Mitch McCullar | *Poetry* >

19. Answer some questions about subfields of pharmacology. For 10 points each:

[10] Pharmacokinetic models often account for drug acceptors, which are defined as innocuous binding sites that aren't the target receptor. This protein that regulates oncotic pressure is a frequent acceptor for drugs in the blood plasma since this protein is the most common protein found in blood plasma.

ANSWER: serum **albumin**

[10] This mild anaesthetic has a "minimum alveolar concentration" higher than isoflurane, so pharmacodynamics predicts this drug's lower potency. This anesthetic is commonly referred to as laughing gas.

ANSWER: **nitrous oxide** [or **N2O**]

[10] Activity of a drug depends on pH, so knowing the blood concentration of this pH buffer molecule can be useful for accurately predicting the efficacy of a drug. A certain anhydrase enzyme produces this molecule.

ANSWER: **bicarbonate** ion [accept **carbonate** ion; accept **carbonic acid**; prompt on H_2CO_3 or HCO_3^- (minus) or CO_3^{2-} (two minus)]

< Michael Etzkorn | *Biology* >

20. This division of ancient Egypt was called the Sedgeland and was represented by the white crown in the pharaoh's regalia. For 10 points each:

[10] Name this Theban based kingdom that unified Egypt for a second time, ushering in the Middle Kingdom when Pharaoh Mentuhotep II conquered his northern adversaries.

ANSWER: **Upper Egypt**

[10] This man is considered to have originally unified Egypt, possibly commemorated in his namesake palette where the red crown of Lower Egypt and the white crown of Upper Egypt are shown together.

ANSWER: **Narmer** [accept **Menes**]

[10] Narmer was buried in brick-lined chambers, a far cry from these massive tombs that Old Kingdom Pharaohs were buried in. The largest of these tombs was built in Giza by Khufu.

ANSWER: **pyramids**

< Nathan Fredman | *Classics, British or Commonwealth, Other* >