



# ACADEMIC COMPETITION FEDERATION

2014 ACF NATIONALS  
PACKET BY DARTMOUTH

## TOSSUPS

1. In 2013, an administrative complex around a large courtyard at this site was discovered by Jane Moon, Stuart Campbell, and Robert Killick. At this site, one of two bipedal goats with lapis lazuli fur was found leaning against golden trees; that sculpture, known as “Ram in a Thicket” is an allusion to the Sacrifice of Isaac and was discovered at this site’s “Great Death Pit.” A harp and three lyres, including one in the grave of Queen Pu-abi, and a silver boat-shaped lyre which looks like a bull’s head were found at this site. It was also home to two mosaic panels known as “War” and “Peace” composed of red limestone and shell, showing chariots pulled by four donkeys, as well as a certain game which consists of twenty squares and appears to resemble senet. This city, known for its royal battle standard, was excavated by Leonard Woolley, who unearthed a monument here dedicated to the moon god Nanna. For 10 points, name this site of a Sumerian city-state, the location of a great ziggurat.

ANSWER: UR or Urim or Uru [accept Tell el-MUQAYYAR; prompt on DI QAR Province or Republic of IRAQ or other non-specific answers]

2. An ideal monatomic gas undergoing this type of process has a molar heat capacity given by  $\frac{5}{2}$  times  $R$ , the universal gas constant. Assuming a constant heat capacity, the change in enthalpy of any system during the reversible type of this process equals the heat capacity times the change in temperature and also equals the exchanged heat. The boiler and condenser in the Rankine cycle both undergo this type of process, which is the standard for heat rejection and addition. In the Brayton cycle, adiabatic compression and expansion processes sandwich compression and expansion processes of this type, and the Otto cycle employs a quasistatic type of this process as both its intake and its exhaust strokes. The work done by this type of process is proportional to the change in volume, and this process produces a horizontal line on a P-V diagram. For 10 points, name this type of thermodynamic process involving equal initial and final pressures.

ANSWER: ISOBARIC process [accept CONSTANT PRESSURE process or DELTA P EQUALS ZERO or other equivalents before “pressures”]

3. In one of this poet’s works, the speaker demands “How shall the ritual, then, be read? . . . by yours, the slanderous tongue” after confronting a man for refusing to mourn his beloved, asking, “And, Guy De Vere, hast *thou* no tear?” This poet declared, “Ah broken is the golden bowl” in a poem originally published under the title “A Paean.” The speaker of another poem laments the absence of motion in the landscape noting “no ripples curl” along “that wilderness of glass” after repeating the statement “resignedly beneath the sky / the melancholy waters lie.” This author wrote a poem about an “angel throng” who “sit in a theatre, to see / a play of hopes and fears” but are horrified when “vast formless things” attack the stage and agree “that the play is the tragedy, — Man’.” This poet of “A Dream Within a Dream” stated “Death has reared himself a throne” in the title location of one poem, and compared the subject of another poem to “those Nicean barks of yore” that have “brought me home / to the glory that was Greece / and the grandeur that was Rome.” For 10 points, name this poet who wrote “The City in the Sea,” “To Helen,” and “Annabel Lee.”

ANSWER: Edgar Allan POE

4. This leader convinced his premier Zoltan Tildy to create a body called the Supreme Economic Council, which he used to grant government loans to certain businesses for delivery of raw materials. Initially, he appeared to work with the Independent Smallholders Party which had been popularly elected in a landslide, but he gradually began to use what he called “Salami tactics,” his policy of gradually cutting off political opponents including Lajos Dinnyes and the members of the Arrow-Cross party. He forced the Social Democrats to merge into his alliance, and he executed the son of a shoe shop owner, Laszlo Rajk, for allegedly leading a murder plot against him and his second-in-command Erno Gero. This leader of the Working People’s

Party was finally forced to give up the premiership to Imre Nagy, ending his time of unopposed rule. For 10 points, name this Stalinist who was the de facto ruler of Communist Hungary from 1949 to 1956.

ANSWER: Mátyás RAKOSI [or Matyas Rosenfeld]

5. In Incan mythology, this group was represented by a single deity, Collca, who was regarded as the keeper of the seeds. One member of this group sank into the ground below a spot marked by a pine tree watered by his mother's tears in Cherokee mythology. To woo Agni, Svaha disguised herself as six members of this group. The Flamen Volcanis sacrificed a pregnant sow to one member of this group, the mother of the twin Lares, at the beginning of the month named for her. In Greek myth, that member of this group avoided the gods by hiding in Mount Cyllene, where all of these people were born, but Zeus tracked her down and begot Hermes upon her. All of them were transformed into doves when they were chased by a man who himself was chased and killed by a scorpion. In an alternate myth, these women killed themselves upon hearing of the transformation of their siblings, the Hyades. For 10 points, name these daughters of Atlas, doomed to be pursued by Orion forever in the night sky as the constellation of Seven Sisters.

ANSWER: PLEIADES [accept SEVEN SISTERS before mentioned, though that's only right for the Greco-Roman clues; accept KRITTKA]

6. In this piece's first movement, the winds unexpectedly play a G-D descent, rather than the expected F-sharp and C-sharp, breaking from the double-exposition. Also in this piece's first movement, the soloist is infamously required to play double-stops at the interval of a tenth. Its composer abandoned his plan for a four-movement concerto, consolidating its original inner movements into a single so-called "feeble adagio" and incorporating discarded material into his B-flat major second piano concerto. The prominence of a solo oboe playing a beautiful melody with woodwind accompaniment in this concerto's second movement so pissed off Pablo de Sarasate that he refused to perform it. This piece was the last major concerto to task the soloist with improvising a cadenza; most choose to play the one composed by the dedicatee. This concerto is in the same genre and key as the Opus 61 of Beethoven, whom its composer idolized. For 10 points, name this D major concerto dedicated to Joseph Joachim, composed by Brahms for a stringed soloist.

ANSWER: BRAHMS' VIOLIN CONCERTO in D major, op. 77 [accept VIOLIN CONCERTO after Brahms is mentioned, but prompt on it before that; accept OP. 77 after Brahms is mentioned]

7. 2-hydroxylase and 4-hydroxylase catalyze the conversion of these compounds into incredibly potent naturally-occurring inhibitors of catecholamine metabolism. GPR-30 has a high affinity for these compounds, as does a namesake receptor with alpha and beta domains that respectively attract raloxifene and genistein. A class of antagonists to these compounds is characterized by the presence of a dialkylaminoethoxyl substituent hanging off one benzene ring of a 1,2-diphenylethylene group. Due to the similarity of their phenol groups, bisphenol A is able to mimic these compounds in the body. They are formed from three successive hydroxylations of the 19-methyl group, followed by the cleavage of a methyl group, catalyzed by aromatase. The three main naturally occurring ones, which have one, two, or three hydroxyl groups, correspondingly have names ending with -one (OWN), -diol, and -triol, though the -diol is most potent. For 10 points, name these steroid hormones that control the secondary sex characteristics of women.

ANSWER: ESTROGENS

8. In this novel, a man whose motto is "Famine and plague" leads an isolated religious community who have forgotten all the doctrines of their religion, but spend all day working for fear of accidentally sinning. One character leaves cryptic messages to a doctor to indicate his patients' ailments such as tying feeding chickens to a terrace whose droppings are meant to signify diarrhea. A doctor in this novel traveled the globe on Captain Cook's voyages but saw nothing because he never left his cabin and becomes obsessed with catching will-o-wisps in bottles for scientific research. The isolated Huguenots living in the hill-tops of Col Gerbido are juxtaposed against the colony of fun-loving lepers in the seaside village Pratofungo. The narrator of this novel is the title character's eight-year old nephew, who watches his uncle go on a rampage cutting frogs and sparrows in half. Dr. Trewlawney heals the title character so he can marry Pamela, who wants to reconcile "The Good 'Un" and "The Bad 'Un." For 10 points, name this novel that begins when a cannonball splits Medardo, the title nobleman from Terralba, into two halves, written by Italo Calvino.

ANSWER: The CLOVEN VISCOUNT [or Il VISCONTE DIMEZZATO]

9. After gaining his highest position, this man hired his friend Thomas Cadwalader as “second in command.” His younger brother fought a duel with Missouri congressman Spencer Pettis on Bloody Island, in which both men died. He was commissioned to write a tract on “the laws and regulations of foreign countries” which appeared in *The Commercial Digest*, and he wrote the two-volume book *History of the Expedition of Captains Lewis and Clark* after studying the explorers’ journals. Late in life, he helped to found Girard College, which he had designed in Greek Revivalist style. He also hosted literary soirees at his country estate of Andalusia on the Delaware River. He’s best remembered for taking over the position held by Langdon Cheves when Cheves resigned, after he briefly served as editor of the Port Folio journal, and as secretary to James Monroe in England. For 10 points, name this Pennsylvania politician who became president of the Second Bank of the United States.

ANSWER: Nicholas BIDDLE

10. The construction of this building pioneered a new type of compound column to support the arches in an arcade called a “pilier cantonné”. Yves Delaporte resolved a famous scholarly debate about whether this cathedral was built from west to east rather than the usual pattern of east to west by showing construction began with its crossing. This church’s exterior is marked by two notably asymmetric spires, a 349-foot, plain Romanesque spire and a 377-foot, ornate one rebuilt in the 16th century. Only four pieces of stained glass survived the 1194 fire that destroyed an earlier iteration of this cathedral, but one of the survivors is the famous “Blue Virgin” window nicknamed “Notre Dame de la Belle Verrière” or “Our Lady of the Lovely Window” to honor its relic the “Sancta Camisa”. This cathedral’s design expanded the clerestory to drastically increase window size, which required the heavy use of flying buttresses that distinguish its exterior. For 10 points, name this Gothic cathedral located in a town south of Paris that supposedly houses the robe the Virgin wore while giving birth.

ANSWER: CHARTRES Cathedral [or NOTRE-DAME DE CHARTRES; or OUR LADY OF CHARTRES]

11. Efficient numerical computation of the periodic form of these functions is possible due to Ewald’s method, which was initially developed to transform slowly convergent series representations of them for the 3D Helmholtz equation to a rapidly convergent series. To resolve a common problem that arises when the numbers of non-zero solutions for the homogeneous direct and adjoint problems are equal, a “modified” variant of these functions can be constructed either by removing part of their boundary conditions or by subtracting from the right side of their definition a term involving the conjugate of a solution. These functions act in the second variable as the response to a point source, leading them to be sometimes called “causal fundamental solution” or “impulse response” to an original initial-value problem, and they are defined as functions that produce a Dirac delta function when acted on by a linear differential operator. For 10 points, identify these eponymous integral kernels used to solve differential equations.

ANSWER: GREEN’s functions

12. Pope John Paul II claimed that this figure offers “an invitation to meditate on the paradoxical refusal of his merciful love.” The story of this figure was skipped during early Greek celebrations of Pentecost. Because Eusebius asserted that the story of this figure was presented by Papias as part of the Gospel of the Hebrews, Joseph Lightfoot argued that it was interpolated. Bruce Metzger claimed that Euthymius Zigabenus was the first theologian to discuss this figure, whose story immediately precedes the declaration, “I am the light of the world.” Saint Ambrose proposed that another figure writes “*terra terram accusat*” on the ground with his finger after encountering this subject of John 7:53-8:11. This figure is famously told “Neither do I condemn thee: go, and sin no more.” For 10 points, name this person whom Jesus defends by saying, “He that is without sin among you, let him first cast a stone at her.”

ANSWER: the ADULTERESS [or the WOMAN TAKEN IN ADULTERY; or the ADULTEROUS WOMAN; or any obvious descriptive equivalents; accept Pericope ADULTERAE or Pericope de ADULTERA or PA]

13. One character in this play justifies his stupidity by noting that his intelligent grandfather used up the family store of wisdom for five generations. Another character in this play alliteratively curses the “west wind, wanton wind, wilful wind, womanly wind,” and is startled by news that a kingfisher entered a bush. In this play, a soldier sings a ditty going “rum tum trumpledum, bacon fat and rumpledum,” which is accompanied by a physical snapshot of a musical score. In the last scene of this play, one character yells “I will NOT stand” before angrily throwing himself back onto his chair, and Ladvenu, a Dominican priest, guides the title character’s pen hand. This play opens with Robert de Baudricourt abusing his steward for reporting that his hens have not laid eggs. A dead soldier is summoned back to hell in this play’s epilogue, set twenty-five years later, during which the title character appears to King Charles in his dream, but despairs upon realizing that mankind will never recognize her, though she was cleared of heresy. For 10 points, name this George Bernard Shaw play written in response to the Church’s

canonization of the title Frenchwoman.

ANSWER: SAINT JOAN

14. The inclusion of the words “ante conversionam meam” in one of this man’s works is sometimes interpreted to mean that he became a holy man. One of his works is addressed to the “most noble brother Vigilius” and ends with the Battle of Teia after detailing the most notable events since creation. Another work tells of a group sacking Troy and Ilium after undergoing a migration in three ships and lists Zalmoxis as one of that group’s kings. This ex-Arian wrote his best known work as a summary of the longer twelve-volume history by Cassiodorus, which is now lost. This author of the *Romana* wrote in that book about king Ermanaric’s empire in Ukraine, and about how Thorismud and Aetius got higher ground at the Catalaunian Fields, while king Theodoric was thrown from his horse and trampled. For 10 points, name this Byzantine administrator of the 6th century AD who chronicled the deeds of the Goths in *Getica*.

ANSWER: JORDANES [or Jornandes or Jordanis]

15. Two chapters in a work by this thinker are dedicated to attacking competing theories such as those of John Hobson, which this man called “reductionist,” and those of Richard Rosecrance, Stanley Hoffman, and Morton Kaplan, which he called “systemic.” Another work by this man claims that its subject matter is equivalent to the title of a Mortimer Adler book, and introduces a “three-image” theory of its third title subject based on so-called “levels of analysis,” beginning with the first title subject, Man. In a famous 1981 article, this thinker argued that “Nuclear weapons have been the second force working for peace in the post-war world,” after bipolarity. In his major work, this theorist argued that states exist in an anarchic structure and formulated a balance-of-power theory of how states behave within that structure. For 10 points, identify this author of *Man, the State, and War* and *Theory of International Politics*, a recently-deceased theorist of international neorealism.

ANSWER: Kenneth Neal WALTZ

16. Martin Kemp argues the lower third of this painting’s canvas was cut off, severing the main figure’s arms, by citing the warped appearance of Bernardo Bembo’s coat-of-arms on its back. The artist notably pressed his fingers into the wet pigment while painting to smooth out harsh, linear transitions in the main figure, which was modeled on Verrocchio’s bust *Lady Holding Flowers* and may have been based on the same sitter. The Latin motto “Virtutem forma decorat,” or “Beauty adorns virtue,” appears on the back of this painting in a heraldic motif depicting a wreath of laurel and palm wrapped around a juniper sprig, which offers a joking reference to the sitter’s name. This portrait was purchased from the Prince of Liechtenstein by the National Gallery in Washington DC. Often compared with the artist’s later female portrait *Lady with an Ermine*, for 10 points, name this portrait of a Florentine noblewoman, the only Leonardo painting in the United States.

ANSWER: GINEVRA DE’ BENCI

17. This world leader suppressed a railroad strike organized by George Fernandes, then made up charges that he had smuggled dynamite into government buildings in order to put him on trial and jail him; that incident is called the Baroda Dynamite Case. This leader ordered the firebombing of the indigenous village of Aizawl to suppress the Mizo people and won reelection under the slogan “Abolish Poverty.” An information network utilizing children was known as the Monkey Brigade under this leader, who banned newspaper editorials, leading *The Financial Express* to protest by publishing the poem “Where the mind is without fear.” This leader’s son started a forced sterilization campaign against indigenous peoples and the poor before dying in a plane crash. This leader was killed by several dozen bullets from a Sten gun after ordering Operation Blue Star against the Sikhs. For 10 points, name this female ruler of India who declared the Emergency period.

ANSWER: Indira Priyadarshini GANDHI [prompt on “Gandhi”]

18. This organism is parasitized by the cestode flatworm *Schistocephalus solidus*, which manipulates it into approaching predatory birds. Left-side biased morphological asymmetries are extremely common in Alaskan populations of this organism due to changes in Pitx1 expression that reduce its pelvis size. Milinski found that input matching can establish an ideal free distribution for foraging in this non-mouse organism, whose MHC diversity is favored by female choice via “allele counting.” Unusually, “white” populations of this organism do not engage in parental care. Swollen female bellies cause zigzag dances to be performed by this organism’s males, which, when exposed to a red sign stimulus, begin to attack a facsimile in a mechanism elucidated by Nikolaas Tinbergen. For 10 points, name this model organism used to study fixed action patterns, a fish with three dorsal spines.

ANSWER: three-spined STICKLEBACKS [or GASTEROSTEUS aculeatus; or G. ACULEATUS; accept TIDDLERS; accept GASTEROSTEIDAE; prompt on TELEOSTEI or FISH or VERTEBRATES or other less specific answers]

19. These entities are the primary philosophical subject of Tom Regan, and the eponymous “Issue” of these entities is the subject of a book by Peter Carruthers, who argues that these entities generate no direct moral claims. In a paper titled “Thought and Talk,” Donald Davidson used an intensionality test to argue for the absence of propositional attitudes in these entities. Christine Korsgaard has argued for a moral duty towards these entities, in contradiction to Kant’s position in a section *Lectures on Ethics* that we have only “indirect duties” towards these entities. The actions of these entities should always be interpreted in terms of lower-level rather than higher level cognitive functions according to Morgan’s canon, and an argument in favor of granting these beings additional rights is known as the “argument from marginal cases.” A 1975 philosophical work regarding these beings makes a utilitarian case for their rights partly based on the affirmative answer to Bentham’s question “Can they suffer?” For 10 points, identify these beings whose “Liberation” is the aim of a book by Peter Singer.

ANSWER: ANIMALS

20. This author wrote a novel in which the protagonist keeps his ill father company by playing games of chess atop a foot warmer, and a priest’s son obsessed with the concept of “the concentration of the mind” leaves a suicide note, which ends by asking “Why did I wait so long to die?” This author began that book with the narrator pleading with his friend to be allowed to accompany him on visits to that suicide victim’s grave. One character created by this author obsessively works at grinding glass balls to create frog-eye lenses, and another, who encourages calmness as kids keep intruding on his friend’s property to retrieve lost baseballs, is named Singleman Kidd. He fictionalized his own teaching experience in a popular novel about a mathematics teacher who works with Redshirt, and he wrote about the love triangle between Ojosan, K, and Sensei in a book whose untranslated title roughly means “the heart of things.” This author wrote a novel in which the scientist Avalon Coldmoon visits Mr. Sneaze’s pet, who gets drunk and drowns in a clay pot full of water. For 10 points, name this Japanese author of *Botchan*, *Kokoro*, and *I Am a Cat*.

ANSWER: NATSUME SOSEKI [accept either name; also accept Natsume KINNOSUKE]

TIEBREAKER

21. Characters in this novel dig up a concrete survey marker during the Saint Andrew’s Eve hunt when buried treasure was legendarily supposed to glow through the earth. The end of this novel features a legendary bash simply called “The Party” in which the protagonist sleeps with every woman in the town and gets so drunk that he challenges the whole world to a fight charging off into the night only to fall to his death in a forty-foot gulch. The protagonist buys a vacuum cleaner as a gift for Sweets Ramirez even though she doesn’t have electricity. One character lives in a chicken coop with five dogs gathering firewood for a quarter a day, and the protagonist beats up Big Joe Portagee for stealing 1007 quarters that the Pirate was saving to buy a golden candlestick for the church of Saint Francis. The characters of this novel constantly negotiate with wine merchant Mr. Torrelli, and the protagonist’s friends Pilon and Pablo never pay their monthly rent while living in a house of “paisanos” outside Monterey. For 10 points, name this Steinbeck novel beginning when Danny inherits two houses in the titular California region.

ANSWER: TORTILLA FLAT

## BONUSES

1. In a Milgram-esque scene from this film, a child belts out fake screams as policemen hit a sandbag, leading a main character to believe that his friend is being tortured. For 10 points each:

[10] Name this film in which Giuseppe and Pasquale, workers in the title menial occupation, fall in with a group of con men on their quest to buy a horse.

ANSWER: SHOESHINE [or SCIUSCIA]

[10] Vittorio de Sica, the director of *Shoeshine*, is best known for a neorealist movie in which Antonio and his son Bruno search for the thief who stole this object, without which Antonio cannot find work.

ANSWER: BICYCLE [or BIKE]

[10] This director, a contemporary of de Sica, brought neorealism to a global audience with his film cycle *Rome, Open City, Paisa*, and *Germany, Year Zero*, which is sometimes called the “Neorealist Trilogy.”

ANSWER: Roberto (Gastone Zeffiro) ROSSELLINI

2. The region of Kangju identified by Zhang Qian is thought to have been part of this region. For 10 points each:

[10] Name this region of central Asia to the north of Bactria, where the Rock of Ariamazes was captured during Alexander the Great’s conquest of Achaemenid Persia. That namesake rock fortress was where Alexander reportedly fell in love with this region’s princess Roxana.

ANSWER: SOGDIANA [or SUGHDIa; or SOGDIANE; or SUTE]

[10] The most prominent city of Sogdia was this one, south of the hilly ancient site of Afrasiyab. The Ulugh Beg Observatory was constructed in this city, which was the capital of Tamerlane’s empire.

ANSWER: SAMARKAND [or MARAKANDA]

[10] This Castilian traveler was an ambassador of Henry III of Castile who led an embassy to Tamerlane’s court in 1403, and wrote a diary of the journey in Spanish. He gave a description of Tamerlane’s trained elephants and his victory parade after defeating Bayazid at Ankara.

ANSWER: Ruy GONZÁLES de CLAVIJO [accept either “Gonzales” or “Clavijo”; Clavijo is the more common designation]

3. This character uses the “demarcation” technique to escape from a prison by getting his friends to paint him blue so that he cannot be distinguished from the penitentiary’s blue roof. For 10 points each:

[10] Name this character, a morphine addict whose skills as a thief made him valuable to British intelligence efforts until the Germans captured him and separated him from his thumbs.

ANSWER: DAVID CARAVAGGIO [accept either name]

[10] Caravaggio helps Patrick Lewis blow up a water filtration plant in this Canadian author’s novel *In the Skin of a Lion*, and acts as a foster father to Hana in his most famous novel *The English Patient*.

ANSWER: (Philip) Michael ONDAATJE

[10] In *The English Patient*, Caravaggio helps Kip cope with intense spiritual pain after learning about this historical event. Upon hearing of this event, Kip rushes into the English Patient’s room and points a gun at him.

ANSWER: ATOMIC BOMBING OF HIROSHIMA [prompt on atomic “bombing of Japan”; prompt on answers like the “dropping of the atomic bomb” that don’t mention where it happened; accept HIROSHIMA or BOMBING OF HIROSHIMA]

4. The intensity of this phenomenon is typically given by reference to the brightness of the 557.7 nanometer transition line in oxygen, known as the “green line.” For 10 points each:

[10] Identify this phenomenon in which charged particles following the Earth’s magnetic field are accelerated in the magnetosphere and interact with the atmosphere at the poles, producing visible radiation.

ANSWER: AURORA [accept “borealis” or “australis”]

[10] The onset arc of these disturbances in the magnetosphere occurs on the poleward edge of an aurora’s proton precipitation region. Current wedges cause these short events, which can experience “pseudobreakups.”

ANSWER: geomagnetic SUBSTORMS [prompt on “geomagnetic storms”]

[10] This phenomenon originates in the same plasma sheet which serves as the origin of the aurora and consists of a westward drift of positive ions through the Earth’s inner magnetosphere. This current describes a band around the equator and a depletion of ions in it results in geomagnetic storms.

ANSWER: RING current [do not accept “Birkeland current”]

5. This ecosystem lies mostly within the Mato Grosso and Mato Grosso do Sul and is threatened by fadenza lodges and cattle ranches. For 10 points each:

[10] Name this enormous Brazilian wetland, a haven for the endangered hyacinth macaw and giant river otter. Bonito is the tourist center for this ecosystem, which is connected to the Gran Chaco.

ANSWER: PANTANAL

[10] Another biodiverse ecosystem in Brazil is the Atlantic forest, composed of a matrix of restinga, mangrove and tropical moist forest. This UNESCO World Heritage Site protects Atlantic forest in Bahia and Espírito Santo.

ANSWER: DISCOVERY COAST Atlantic Forest Reserves

[10] Another World Heritage Site in Brazil is this Oscar Niemeyer-built capital, which Lúcio Costa designed to resemble an airplane. Brazilian President Dilma Rousseff lives at the Palácio da Alvorada in this city.

ANSWER: BRASÍLIA

6. This man's most famous work argues that its title idea consists of the "specific... distinction... between friend and enemy," and in another work, he argued that the expression of the people's will is insufficient as the basis for the title mode of government. For 10 points each:

[10] Identify this political theorist, author of *The Crisis of Parliamentary Democracy* and *The Concept of the Political*.

ANSWER: Carl SCHMITT

[10] Carl Schmitt claimed that no one understood him as well as this philosopher, who in 1932 critiqued *The Concept of the Political* for failing to offer reasons for a normative commitment to his title idea. This philosopher advocated searching for "esoteric" meanings in premodern thinkers in his *Persecution and the Art of Writing*, and criticized perceived American relativism in *Natural Right and History*.

ANSWER: Leo STRAUSS

[10] Much of Schmitt's work in the theory of international law was intended to provide a justification for when this activity was justified. A comprehensive theory of the "just" type of this activity was written by Hugo Grotius, who also outlined the "correct" way to carry out this activity.

ANSWER: WAR

7. Together with Sweden, these two countries formed the Triple Alliance to threaten another country to end the War of Devolution. For 10 points each:

[10] Name these two countries, which fought each other during the Komenda Wars, as well as at the Battle of the Gabbard and the Battle of Leghorn.

ANSWER: Kingdom of ENGLAND and The Republic of the Seven United NETHERLANDS/Provinces [accept DUTCH Republic or Republiek der Zeven Verenigde NEDERLANDEN /Zeven Provinciën for Netherlands; prompt on BRITAIN for England, since it wasn't called Britain until 1707 and this is the seventeenth century; accept UNITED PROVINCES for Netherlands]

[10] The Royal African Company and the WIC fought the Komenda wars off the coast of what is now Ghana. Europeans named that coast after this resource, which West African kingdoms often traded for salt.

ANSWER: GOLD [or AU; prompt on transition METALS or other less specific answers]

[10] This great Dutch admiral defeated the Spanish under Antonio de Oquendo at the Battle of the Downs, a key win for the Dutch during the Eighty Years War. He clashed with Robert Blake during the First Anglo-Dutch War, in which he died.

ANSWER: Maarten TROMP (or Maarten van Tromp)

8. Name these Titian paintings, for 10 points each.

[10] A bride dressed in white sits on a sarcophagus beside a nude Venus in this allegorical Titian work commissioned for the marriage of Niccolò Aurelio.

ANSWER: SACRED AND PROFANE LOVE [or L'AMOR SACRO E AMOR PROFANO]

[10] Titian established himself as the leading painter in Venice with this painting for Santa Maria Gloriosa dei Frari, his first public commission, which shocked viewers with the heroic scale of the Madonna and the contorted poses of the Apostles. It still stands as the largest altarpiece in Venice.

ANSWER: ASSUMPTION OF THE VIRGIN [or L'ASSUNTA]

[10] Phillip II commissioned a second version of this painting for El Escorial, which shows the title figure reaching toward a single beacon of light piercing black clouds at the top of this canvas as he is roasted alive by Roman soldiers.

ANSWER: The MARTYRDOM OF SAINT LAWRENCE [or MARTIRIO DI SAN LORENZO]

9. Answer the following about South America during the Pleistocene, for 10 points each.

[10] Some of the deadliest predators of Pleistocene South America were the phorusrhacids, often called the “terror” type of these animals. Other fossil genera of these animals included *Hesperornis* and the early *Archaeopteryx*.

ANSWER: BIRDS [or AVIANS; or AVES; prompt on DINOSAURS or equivalents; prompt on ARCHOSAURS; prompt on non-specific answers like AMNIOTES or TETRAPODS or VERTEBRATES]

[10] These gigantic animals are a major source of coprolite fossils from the Pleistocene. Genera of these awesome mammals included *Megalonyx*, *Glossotherium*, *Mylodon* and *Megatherium*.

ANSWER: giant ground SLOTHS [prompt on XENARTHANS; prompt on PILOSA; prompt on FOLIVORA; prompt on non-specific answers like EUTHERIANS]

[10] This South American order of ungulates went extinct during the Pleistocene. The horselike proterotheres were members of this order, whose best-known genus, *Macrauchenia*, is known for its tiny proboscis.

ANSWER: LITOPTERNS [or LITOPTERNA]

10. In this story, a white man makes a 325-pound whore named Alice laugh by claiming that a cook who puts lemon juice on his hands likes to be interfered with. For 10 points each:

[10] Name this story about two teenage boys who order beers and visit a station full of lumberjacks and prostitutes where Alice accuses a peroxide blonde of lying about her memories of the boxer Steve Ketchel.

ANSWER: “The LIGHT OF THE WORLD”

[10] “The Light of the World” is one of the many Ernest Hemingway stories to feature this character, who breaks up with Majorie in “The End of Something” and fishes for trout in “Big Two-Hearted River.”

ANSWER: NICK ADAMS [accept either]

[10] In another story, a young Nick Adams is taken by his father to an Indian camp, where his Uncle George performs this action using a jack-knife and “nine-foot, tapered gut leaders.”

ANSWER: a C-SECTION [or a CESAREAN section or equivalents; prompt on DELIVERING a baby or equivalents; prompt on OPERATING or SURGERY or MAKING AN INCISION or equivalents; prompt on SEWING an incision]

11. Answer the following about the intersection between secularism and Islam, for 10 points each.

[10] This French term refers to the country’s tradition of separation of church and state based on the Law of 1905. This concept was a major reason behind the headscarf ban in schools and often hinders efforts to build mosques.

ANSWER: LAÏCITÉ [word forms are fine]

[10] This nomadic tribe of the Iranian province of Fars is predominantly Shi’ite, but rarely observes Ramadan because they’re too busy herding sheep. Once members of the Khamseh confederation, the people from this tribe do sacrifice animals at the shrines of Muslim saints.

ANSWER: BASSERI

[10] This country underwent many secularizing reforms during the twentieth-century in accordance with the “Six Arrows.” The Bektashi order and Alevi tradition are centered in this country, where the Hagia Sophia is located.

ANSWER: Republic of TURKEY [or TÜRKİYE Cumhuriyeti]

12. The two-horned Dhul-Qarnayn from the Qur’an is often identified with this historical figure, who is described as *gustaljak*, or “accursed,” in Middle Persian texts for destroying Zoroastrian temples. For 10 points each:

[10] Name this real-life king, whose exploits were mythologized in many medieval romances. His mermaid sister often asked sailors if he was alive, killing all who didn’t immediately answer “He lives and reigns and conquers the world.”

ANSWER: ALEXANDER the Great [or ALEXANDER III; or Megas ALEXANDROS; or ISKANDER; or SIKANDAR; or any number of European, Middle Eastern, and Indian names]

[10] In other stories, Alexander and his servant cross the Land of Darkness to reach this spring, whose restorative waters were sought by Juan Ponce de Leon in Florida.

ANSWER: FOUNTAIN OF YOUTH [or WATER OF LIFE]

[10] Alexander the Great once removed these objects from a valley by holding a mirror up to the serpents living there, killing them, by tossing flesh into the valley, which then stuck to these objects and were seized by circling birds, and by chasing the birds to retrieve these items.



ANSWER: DIAMONDS

13. The speaker of this poem confesses, “I sometimes hold it half a sin / To put in words the grief I feel” for “words, like Nature, half reveal / And half conceal the Soul within” before vowing, “In words, like weeds, I’ll wrap me o’er.” For 10 points each:  
[10] Name this poem, written in four-line stanzas of iambic tetrameter with ABBA rhyme scheme, whose speaker famously describes Nature as “red in tooth and claw”.

ANSWER: IN MEMORIAM A.H.H.

[10] This author wrote *In Memoriam* as a requiem for his deceased friend Arthur Hallam, concluding that “‘Tis better to have loved and lost / Than never to have loved at all.”

ANSWER: Alfred, Lord TENNYSON

[10] In the oft-excerpted 106th Canto of *In Memoriam*, the first seven stanzas begin with this two word phrase commanding certain objects to perform this action “to the wild sky” on “the grief that saps the mind”. In the final stanza of the section the speaker requests the opposite of this action to be performed on “the Christ that is to be”.

ANSWER: “RING OUT”

14. This man led the Demmin campaign of the Wendish Crusade along with Conrad I. For 10 points each:

[10] Name this member of the House of Ascania who was the first Margrave of Brandenburg, and whose vigorous campaigning won him an animal epithet.

ANSWER: ALBERT THE BEAR [or ALBRECHT DER BÄR or ALBERT I; prompt on partial answer]

[10] Albert the Bear clashed with the also animal-named Henry the Lion, who was a member of this dynasty, which sided with the Pope in Italy in opposition to the Ghibellines.

ANSWER: WELF or GUELPH Dynasty (or Guelf)

[10] In 1323, Brandenburg was acquired by the Holy Roman Emperor Louis IV of this dynastic house, which in 1329 split into an older Palatinate line and a younger Bavarian line by the terms of the Treaty of Pavia.

ANSWER: WITTELSBACH

15. These proteins are known for being active for a very long time, accomplished partly as a result of their translocation to the plasma membrane by RACK proteins. For 10 points each:

[10] Name these enzymes with fifteen isozymes, which are activated when the concentration of diacylglycerol rises. They work by phosphorylating serine and threonine residues.

ANSWER: PROTEIN KINASE C [or PKC]

[10] Protein kinase C is also activated when the concentration of these ions, involved in muscle contraction, rises.

ANSWER: CA2+ [or CALCIUM ion]

[10] Esters of this plant-derived product are commonly used as a substitute for diacylglycerol in activating protein kinase C in order to promote and study carcinogenesis and tumor formation.

ANSWER: PHORBOL

16. Butler et al reviewed the meta-analyses of this type of therapy, concluding that it produces large effect sizes in treating generalized anxiety, panic disorder and PTSD. For 10 points each:

[10] Name this form of psychotherapy that employs restructuring and activation to respond to the automatic thoughts and negative “triad” outlined by Aaron Beck. Rational emotive therapy was a precursor to this type.

ANSWER: CBT [or COGNITIVE-BEHAVIORAL therapy; prompt on any answer with COGNITIVE or BEHAVIORAL]

[10] CBT is often used to treat this mood disorder characterized by feelings of hopelessness, a lack of interest in pleasurable activities and low self-esteem. The DSM-5 unified its persistent form with dysthymia.

ANSWER: major DEPRESSION [accept major DEPRESSIVE disorder or MDD; accept UNIPOLAR disorder]

[10] According to this wacky “evolutionary” hypothesis proposed by Andrews and Thomson, depression is an adaptation that helps people solve complex problems by reducing distractions and allowing them to think.

ANSWER: ANALYTICAL RUMINATION hypothesis

17. In his essay on the “idea” of this concept, Carl Dahlhaus wrote that it represented a departure from eighteenth-century moral philosophy. For 10 points each:

[10] Name this term first used by Richard Wagner in his 1846 programme for Beethoven's *Ninth* symphony, to refer to non-representational music. Wagner opposed previous attempts to equate this kind of music with instrumental music.

ANSWER: ABSOLUTE music [or ABSTRACT music]

[10] A precursor to the theory of absolute music can be found in ETA Hoffmann's glowing review of this other Beethoven symphony, which begins with the notes G-G-G-E flat playing a short-short-short-long motif.

ANSWER: Symphony No. 5 in C MINOR, OP. 67 [accept any of the three underlined segments]

[10] A good early example of absolute music is the 21st piece of this kind by this composer, which received its anachronistic nickname after its andante was featured on the soundtrack of the 1967 Swedish film *Elvira Madigan*.

ANSWER: PIANO CONCERTOS by Wolfgang Amadeus MOZART [prompt on partial answers, such as "concertos by Mozart"; accept CONCERTI in place of CONCERTOS from citizens of the Roman Empire]

18. The shocking pink dragon millipede secretes this compound to protect itself from predators. For 10 points each:

[10] Name this triatomic molecule that is added across alkenes using nickel catalysts. It is industrially-produced by a platinum-catalyzed reaction of methane and ammonia in the presence of oxygen.

ANSWER: HYDROGEN CYANIDE [or HCN; or PRUSSIC ACID; or HYDROCYANIC ACID; accept FORMIC ANNAMONIDE. prompt on "cyanide"]

[10] Hydrogen cyanide was reacted with an imine formed from ammonia and an aldehyde in the original Strecker synthesis to produce these compounds, which have -NH<sub>2</sub> and -COOH ends, as well as side chains.

ANSWER: AMINO ACIDS [prompt on primary "amines"; prompt on carboxylic "acids"]

[10] In 1963, Kaoru Harada developed an asymmetric Strecker synthesis by introducing (S)-alpha-phenylethylamine as one of these compounds, such as oxazolidones, which bias the stereoselectivity of a reaction and then get cleaved out.

ANSWER: chiral AUXILIARIES

19. This party, whose members included Fannie Lou Hamer, was organized by the Student Nonviolent Coordinating Committee to challenge the state's assigned delegates in the 1964 elections. For 10 points each:

[10] Name this splinter from the Democratic Party formed in Mississippi as part of SNCC's campaign to register as many African-American voters as possible.

ANSWER: Mississippi FREEDOM Democratic Party [or the "Freedom Democrats" or MFDP; prompt disapprovingly on DEMOCRATIC Party]

[10] Earlier, in 1948, this other short-lived splinter from the Democratic Party nominated Strom Thurmond for president in protest of Harry Truman's stance on military desegregation.

ANSWER: STATES' RIGHTS Democratic Party [or DIXIECRATS]

[10] Another short-lived offshoot were the Bourbon Democrats who loved to hate William Jennings Bryan. The Bourbons supported this conservative Democrat in 1904, who was a Chief Justice of the New York Appeals Court, and lost in a landslide to Teddy Roosevelt.

ANSWER: Alton Brooks PARKER

20. Musciatto Franzesi hires this character to take care of his business in Burgundy while he goes to meet with Pope Boniface. For 10 points each:

[10] Name this remarkably accomplished liar who becomes fatally ill in Burgundy, but confesses his sins so sincerely on his deathbed that he becomes revered as a holy man and ultimately canonized.

ANSWER: CIAPPELLETTO [or Ser CEPPARELLO]

[10] Panfilo tells the story of Ciappelletto in this work whose frame story concerns ten young Florentines who tell stories to pass the time while spending two weeks in a villa to escape the Black Death.

ANSWER: The DECAMERON [or DECAMERONE]

[10] The story of Ser Cepparello is told on this themeless day in the *Decameron* presided over by Pampinea that begins at Santa Maria Novella and includes the story in which Saladin hears the "Parable of the Three Rings".

ANSWER: FIRST DAY [or DAY ONE; or la PRIMA GIORNATA; or obvious equivalents]

EXTRA BONUS

21. In 2003, the Single Payment Scheme was introduced to reform this program. For 10 points each:

[10] Name this European Union program of subsidies. The 1992 MacSharry reforms to this program sought to limit overall production and reduce price supports for beef and cereals.

ANSWER: Common Agricultural Policy

[10] Delegates from six countries discussed the introduction of the Common Agricultural Policy in this Italian town in July 1958. Pierre Laval, Ramsay MacDonald, and Benito Mussolini signed a declaration here reaffirming the Locarno treaties in 1934.

ANSWER: STRESA

[10] The so-called Stresa Front opposed the Anschluss, the German annexation of this country. This home country of Adolf Hitler was led by Engelbert Dollfuss and Kurt Schuschnigg.

ANSWER: Republic of AUSTRIA [or Republik Österreich]