

ACF Regionals 2016: Ben There, Didn't Do That

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TOSSUPS:

1. An author with this last name created an old man who frightens some children by telling stories about shooting Congolese men, during their school's Harvest Festival. A poet with this last name described a man who "always loved larking", and who declares: "it was too cold always" and "I was much too far out all my life." James Wood coined the term "hysterical realism" while reviewing the work of an author with this surname. "Not waving but drowning" was written by a female poet named Stevie, with this last name. In a novel by an author with this last name, the FutureMouse project draws the ire of the Islamic fundamentalist group KEVIN. For 10 points, Archie Jones and Saleem Iqbal appear in *White Teeth*, a novel by an author with the first name Zadie and what last name? ANSWER: Smith [be generous, and accept Stevie Smith or Zadie Smith]

2. Numerical approximations using the physical Biot-Savart Law can estimate the noise in these devices caused by vortices and the resulting deviations from Glauert's model. The Savonius design for these devices uses scoops and is an example of their vertical-axis type. Ernest Boilee designed one named the éolienne. The ratio of speeds of particles entering to exiting these devices must be three-to-one to reach their theoretical maximum efficiency of sixteen over twenty-seven. That 59.3 percent efficiency is the Betz Limit. Because both tip speed and torque affect the power generated, they typically have three tips. Gansu, China is home to a large farm of these devices. For 10 points, what machines use their blades to generate electricity from the movement of air? ANSWER: wind turbines [or aerofoil-powered generators; prompt on "windmills"]

3. The penultimate movement of this piece begins with trombones and trumpets playing the notes G, down to E-flat, up to A, down to B before three bassoons begin a scherzo-like rhythm in 6/4 time. This piece opens with a three-note motive consisting of G, up to D, down to D-flat, over a rhythmic ostinato of G's. Adrian Boult made six recordings of this work, and led its premiere performances. The last movement of this piece asks for a woman's choir to be placed in an adjoining room, whose door is slowly closed during the final bar. The composer adapted a melody from this work into the hymn "Thaxted" to fit Cecil Spring Rice's poem "I Vow to Thee, My Country;" that movement is subtitled "The Bringer of Jollity." For 10 points, name this seven-movement suite depicting heavenly bodies by Gustav Holst.

ANSWER: *The Planets, Op. 32*

4. This god tasked a turtle, a mermaid, and a whale with building an ocean-spanning bridge to aid the god of wind in bringing music to mankind. This god climbed down a spider web from the land of Tula to oust his brother. By decapitating a pair of flood survivors and gluing their heads to their behinds, this god created the first dogs. In his jaguar form, this god lived in the center of a mountain. This god kidnapped a goddess of butterflies and flowers from her rain god husband Tlaloc. During the creation of the world, the earth was created from the body of a primordial sea monster named Cipactli that bit off this god's foot, which was then replaced with a slab of black obsidian. For 10 points, name this malevolent Aztec god, the brother of Quetzalcoatl.

ANSWER: Tezcatlipoca

5. A side theater during these conflicts saw the essential collapse of the Ardiaean dynasty after Gentius switched sides and Illyria was pacified. During these conflicts, the Treaty of Phoenice was reversed by the Treaty of Tempea after a battle in which a single unit commander took advantage of the hectic battlefield situation caused by the presence of two large hills, and charged the loser's flank without orders. The pretender Andriscus was put down and Corinth was burned in the last of these conflicts, which saw brief success at Callinicus for Perseus. Phalanxes proved too inflexible for the losing side in this war at Cynoscephalae and Pydna. For 10 points, identify these four wars fought by Rome against Antigonid kings like Philip V, who ruled the namesake Greek kingdom once led by Alexander.

ANSWER: **Macedonian** Wars

6. A negative review of this author's work by William Logan triggered a nasty letter by his biographer Paul Mariani that disputed what kind of jacket this poet was wearing when he died. He described "fine collapses" that "are not lies / More than the pirouettes of any pliant cane" in a poem that begins: "We make our meek adjustments, / Contented with such random consolations / As the wind deposits." The line "Permit me voyage, love, into your hands" appears in a poem by him that describes "Bright striped urchins flay[ing] each other with sand." This poet of "Chaplinesque" and "Voyages" described Columbus's discovery of America in "Ave Maria," which joins "Powhatan's Daughter" as sections of his longest poem. For 10 points, name this American poet of *White Buildings* and *The Bridge*.

ANSWER: (Harold) **Hart Crane** [prompt on "Crane"]

7. Because mutants lacking the ZEP gene still express small levels of this compound, there is probably an as-yet undiscovered alternate synthesis pathway for it. In the vacuole, BG2 can hydrolyze the glucose-conjugated form of this molecule. While studying this compound, Sean Cutler discovered a mimic of it called pyrabactin. The dehydrogenation of xanthoxin produces the immediate precursor to this compound, and its catabolism produces phaseic acid. This hormone's most important function is inducing stomata closure, but it's more famous for its release at the beginning of winter, inducing bud dormancy and its namesake phenomenon. For 10 points, identify this plant hormone named for its role in making leaves fall off.

ANSWER: **abscisic acid** [accept **dormin** or **ABA**]

8. This justice observed that billboards cannot be "turned off" in a key early case about tobacco advertising, *Packer Corporation v. Utah*. With the son-in-law of senator Thomas Bayard, he wrote an article explaining that the titular entity arose to accommodate the "legal value of sensations," which he later reiterated in a dissent on wiretapping. This man excoriated lawyers for becoming corporate shills in his speech "The Opportunity in the Law." Samuel D. Warren co-wrote "The Right to Privacy" with this man, who authored a landmark dissent in *Olmstead v. U.S.* As a lawyer, this author of *Other People's Money and How the Bankers Use It* defended a law limiting women's working hours in a statistical brief written for *Muller v. Oregon*. For 10 points, name this first Jewish Supreme Court justice.

ANSWER: Louis Dembitz **Brandeis**

9. After this character obliterates a dummy made of snow, he is tricked into believing that he has transformed his antagonist into an angel, until another character shouts "I'm a mongoose!" In one appearance, this character is chased by an electric shaver that flies out of a snake charmer's basket, after another character builds a giant fruit salad ringed with shaving cream on his scalp. After two characters with cookbooks competitively try to entice him with recipes for dishes like "broiled duckbill Milanese," this character admits that he's a vegetarian. This character used a "spear and magic helmet" rather than his usual rifle, while singing the tune of "Ride of the Valkyries" with the lyrics "Kill the wabbit!" For 10 points, this speech-impaired, hunter antagonist of Bugs Bunny.

ANSWER: **Elmer** J. **Fudd** [accept either underlined part]

10. The country's chant tradition was established by the Book of Digua, which is often performed by itinerant *debterat* who protect its faithful against shape-shifting witches known as *buda*. This country's church reveres Saint Yared and a group of proselytizers known as the Nine Saints. A book held canonical by the major churches in this country describes the "Apocalypse of Weeks" and opens with a description of the Watchers, angels known as Grigori; that text is the Book of Enoch. Saint Frumentius is credited with introducing Christianity to this country, which is identified with Zion and as the seat of Jah according to another faith. The home to a community of Jews called Beta Israel, for 10 points, name this African country once ruled by the holy figure of Rastafarianism, Haile Selassie I.

ANSWER: **Ethiopia** [or **Abyssinia**]

11. An effect first observed in one of these elements sees an increasing applied magnetic field cause oscillations in magnetic moment; that is the de Haas-van Alphen effect. It doesn't include selenium, but compounds containing iron and one of these elements often form high-temperature superconductors. The 209-isotope of one member of this group was found to have half-life a billion times longer than the age of the universe, confirming that an element that isn't part of it, lead, is indeed the heaviest stable element. The strongest known superacid contains a metalloid in this family. The lower elements in this group have +3 oxidation states if they lose all of their p shell electrons. For 10 points, what group of the periodic table consists of bismuth, antimony, arsenic, phosphorus, and nitrogen?

ANSWER: **pnictogens** [also accept Group **15**, Group **VA**, or Group **VB** (pronounced "**5A/B**"), accept **nitrogen** group before it is said at the end of the tossup, accept answers with synonyms for group like family]

12. Botched attempts to infiltrate this polity by performing drunken karaoke led to the execution of intelligence officer Robert Nairac. Senior officials in this polity may have been allowed to maintain a child sex ring at the Kincora Boys Home in order to ensure their blackmail. Members of a popular cabaret band were executed at a fake checkpoint in this polity, where a march by the Apprentice Boys triggered 1969 riots in Bogside. Its first Prime Minister, James Craig, was a leader of the Orange Order, which gave rise to the UVF militia. Other leaders include a man arrested in 2014 over the 1972 murder of Jean McConville, Gerry Adams. For 10 points, name this polity where the Good Friday Agreement ended a long-running conflict known as the Troubles, a UK constituent whose capital is Belfast.

ANSWER: **Northern Ireland** [or **Tuaisceart Éireann** or **Norlin Airlann**, do not prompt on "Ireland." Accept "**Belfast**" until "region."]

13. Masculine a-stem nouns in this language were distinguished from feminine a-stems in the nominative through the addition of an -s in analogy with the o-stems. One dialect of this language used the obsolete letter *san*. Another dialect of this language lost the letter to express the /w/ sound, which came to represent the number "6" instead. The loss of the aspirate "h" sound in Eastern dialects of this language is called: psilosis. Besides Classical Armenian, it is the only extinct Indo-European language to use "e" as an augment to express the past tense. One dialect of this language was written in the script Linear B. This language used a Phoenician-derived alphabet in all dialects except for Arcado-Cypriot. For 10 points, name this language, which was classically divided into Aeolic, Doric, and Ionic.

ANSWER: **Ancient Greek** [or **Classical Greek**; prompt on "Greek"]

14. A home in this country includes a diagonal corner fireplace with a curved opening next to a window, known as the “ears” of its architect. That building, the Villa Mairea, led to the founding of a company here whose 2007 pavilion was built out of paper waste products by Japanese architect Shigeru Ban. Artek sells furniture originally created to aid TB patients in this country, whose native sons include the architects of Buffalo's Kleinhans Music Hall and the aforementioned Paimio Sanitorium. The most famous architect from this country used wing-shaped shells of concrete for the roof of the TWA Flight Center at JFK and is best known for a catenary curve-shaped monument in the Midwest. For 10 points, name this home of Alvar Aalto and Eero Saarinen, a country with capital at Helsinki.

ANSWER: Finland [or Suomi]

15. One poet from this country included the lines “They thought you would stop pursuing the white elephant / But you pursued the white elephant without turning back” in a poem commemorating Yeats’ centennial. That author from this country wrote: “Earth, unbind me; let me be the prodigal” in a poem that repeatedly mentions “The Robbers” and “The Eagles.” In addition to the poem “The Lament of the Masks,” a play from this country includes a scene in which the arrival of a photographer at a village is reenacted in the “Dance of the Lost Traveller.” “Elegy for Alto” is from this country of origin of an author who described the rivalry between Lakunle and Baroka for the love of Sidi in the play *The Lion and the Jewel*. For 10 points, name this home country of Christopher Okigbo and Wole Soyinka.

ANSWER: Federal Republic of Nigeria

16. This man's intelligence services claimed a major victory after arresting German spy Heinz Luning, despite the fact that Luning was reportedly so stupid he could not even fix a broken radio to begin his espionage. Frank Pais was executed by this man's regime, which led new ambassador Earl Smith to withdraw support. Along with Pius XI, this man received a Golden Telephone from ITT. This politician placed the Oriental Park Racetrack under the control of his friend Meyer Lansky, who later helped this man host a 1946 conference of mafia leaders in his capital. This man’s government was toppled after the Battle of Santa Clara by a movement named for the date of the Moncada Barracks attack. For 10 points, name this dictator overthrown by Fidel Castro during the Cuban Revolution.

ANSWER: Fulgencio Batista Zaldívar

17. This thinker criticized another author’s attempt to write a “history of silence” through archaeology, claiming that one could achieve this only by being silent about silence. This thinker adopted from Heidegger the technique of dealing with an inadequate word by writing it and crossing it out, called *sous rature*. He wrote an essay criticizing Foucault for claiming that Descartes dismissed insanity as a subject unworthy of philosophy. A word that can mean “potion” or “poison” is the subject of his analysis of *Phaedrus* in “Plato’s Pharmacy.” He argued that each half of a binary pair contains a “trace” of its opposite. He included the essay “Cogito and the History of Madness” in his book *Writing and Difference*. For 10 points, name this French author of *Of Grammatology*, the father of Deconstruction.

ANSWER: Jacques Derrida

18. While looking at a pretty girl on a theater poster, this character remarks that her shoes are too thin to march in. This protagonist and his friends throw a sack over the head of a man returning from a pub so he can’t see who beats him up. This character and two friends steal food and sneak across a canal to hook up with some French women. He ultimately gives a dead man's boots to his friend Muller. This protagonist is inspired to enlist by his schoolteacher Kantorek, but hates being trained by Corporal Himmelstoss. This character recalls carrying a wounded Kat on his back, only to discover that he had been hit by a shell and been dead the entire time. For 10 points, name this German soldier in World War I, whose death occurs on a day when it is "All Quiet on the Western Front."

ANSWER: Paul Bäumer [accept either underlined name]

19. One type of wave in these substances moves with velocity proportional to entropy times the square root of temperature over specific heat. It's not a BEC, but Sinha, Sivaram, and Sudarshan proposed a quantum gravity theory in which the background vacuum is a substance of this type. They are utilized in the namesake SHeDS spectroscopy, and experience wavelike heat transfer called second sound. High energy phonons in these substances are called maxons, contrasting with the low energy rotons postulated by Lev Landau. In the fountain effect, these substances creep up the sides of their containers as a Rollin film. At the 2.17 Kelvin "lambda point," helium-4 transitions to this state. For 10 points, name this low-temperature phenomenon in which a fluid has zero viscosity.
ANSWER: superfluidity [accept word forms]

20. This artist painted the first oil painting that the Museum of Modern Art acquired. Many of this artist's landscapes were painted at his summer home in South Truro, including "Corn Hill." In one his paintings, a fruit bowl sits behind a woman in a green coat, who has removed only one glove. A parody of one of this artist's paintings includes Elvis Presley and was painted by Gottfried Helnwein. Josephine Nivison posed for many paintings by him, including one in which she sits alone at a table, staring into a cup of coffee, at the title establishment. A woman in a red dress is one of three patrons being served by a bartender at a diner that advertises Phillies Cigars for five cents, in his most famous painting. For 10 points, name this American artist of *Automat* and *Nighthawks*.
ANSWER: Edward Hopper

BONUSES:

1. Name some mountains important to Abrahamic religions, for 10 points each:

[10] Moses stayed on this mountain for forty days and nights each time he received the Torah and the Ten Commandments.

ANSWER: Mount Sinai [or Har Sinai; Mount Horeb; or Jabal Musa]

[10] Samaritans celebrate Passover on this mountain, which they believe was the site of Abraham's near-sacrifice of Isaac.

ANSWER: Mount Gerizim [or Har Gerizim; or Jabal al-Tur]

[10] This hill isn't really a mountain, but it's pretty important nonetheless since it was where Jesus was crucified. It's named for its resemblance to a skull.

ANSWER: Calvary [or Golgotha]

2. This artist painted Napoleon in his study at the Tuileries, and crossing the Alps on horseback. For 10 points each:

[10] Name this French Neoclassical artist, who painted the aftermath of a murder committed by Charlotte Corday in his *The Death of Marat*.

ANSWER: Jacques-Louis David

[10] In *The Emperor Napoleon in His Study at the Tuileries*, this object sits on Napoleon's desk, to his right. A clock pointing to 4:13 and some nearly-extinguished candles imply that Napoleon has stayed up all night to work on it.

ANSWER: Napoleonic Code [or Code Napoléon; or Code civil des Français; or anything indicating paper that has the letters COD written on it]

[10] In this David painting, Hersilia leaps between Romulus and her husband Tatius, as the titular group of people attempts to stop a battle taking place beneath the ramparts of the Capitol in Rome.

ANSWER: *The Intervention of the Sabine Women* [or *L'intervention des Sabines*; do NOT prompt on or accept "The Rape of the Sabine Women"]

3. This work defines the word "Pray" as "To ask that the laws of the universe be annulled on behalf of a single petitioner, confessedly unworthy." For 10 points each:

[10] Name this tongue-in-cheek lexicographical work, which defines "Love" as "A temporary insanity, curable by marriage."

ANSWER: *The Devil's Dictionary* [or *The Cynic's Word Book*]

[10] *The Devil's Dictionary* is by Ambrose Bierce, who also wrote this story in which a six-year-old child with a toy sword flees from a jawless soldier and later fails to cry over his mother's bloody corpse because he is a deaf mute.

ANSWER: "Chickamauga"

[10] Bierce's story "Chickamauga" is set during this conflict, which also provides the setting for much of Margaret Mitchell's *Gone with the Wind*.

ANSWER: American Civil War [or War Between the States; or War of Northern Aggression]

4. This man's first major teacher was the Archbishop Egbert, and his letters to Hygbald and Aethelhard provide a major source on the Lindisfarne raid. For 10 points each:

[10] Identify this English polymath who oversaw the schooling of Pepin the Hunchback and Louis the Pious as chief royal scholar, as related in a history by Einhard.

ANSWER: **Alcuin** of York

[10] Alcuin of York was the major intellectual force behind the Carolingian renaissance under this son of Pepin the Short, who was crowned Holy Roman Emperor in 800 CE.

ANSWER: **Charlemagne** [or **Carolus Magnus**; or **Charles the Great**; or **Charles I**]

[10] Alcuin championed this new script, the predominant one in Europe until about 1200, which used fewer ligatures and put spaces between words. It helped form the basis of modern lower-case, as perhaps suggested by its name.

ANSWER: **Miniscule**

5. These animals develop a new chamber within their shell each lunar month, and that shell is dark at the top and bright at the bottom to blend in. For 10 points each:

[10] Identify these “living fossils”, which, like other members of their class, propel themselves backwards by ejecting water out of the hyponome. They are similar in appearance to the extinct ammonites, which are part of the same phylum.

ANSWER: chambered **nautilus** [or **nautilus pompilius**]

[10] The nautilus is a cephalopod, which are members of this animal phylum that also includes bivalves and gastropods.

ANSWER: **Mollusca** [or **molluscs**]

[10] All molluscs except bivalves possess this chitinous ribbon of teeth. It can be used to scrape rocks for food.

ANSWER: **radulae**

6. In Lewis Carroll's *Through the Looking-Glass*, Alice becomes trapped in this board game, but is named queen by the novel's conclusion. For 10 points each:

[10] Name this game that was the inspiration for Vladimir Nabokov's *The Defense* and Stefan Zweig's *The Royal Game*.

ANSWER: **chess**

[10] The dwarf Fischerle is obsessed with becoming a chess champion in this novel by Elias Canetti, in which sinologist Peter Kien is ejected from his home library by his wife Therese.

ANSWER: **Auto-da-Fé** [or **The Blinding**; or **Die Blendung**]

[10] In the final scene of Shakespeare's *The Tempest*, this character is found playing chess with Miranda. Earlier in the play, Ariel taunts this character with the song “Full fathom five.”

ANSWER: **Ferdinand**, Prince of Naples

7. This woman's publications include *Who Killed the American Family?* and *Feminist Fantasies*, and a namesake *Report*. For 10 points each,

[10] Name this American conservative activist, the founder of the Eagle Forum, best known for leading the resistance to the Equal Rights Amendment.

ANSWER: Phyllis Stewart **Schlaflly** [or Phyllis McAlpin **Stewart**]

[10] The ERA was sponsored in the Senate by Birch Bayh of this state, also the last to ratify the bill after Wayne Townsend switched his vote. The Battle of Tippecanoe was fought on the banks of the Wabash river in this state.

ANSWER: **Indiana**

[10] The Equal Rights Party was the original name of this earlier group, which took part in the Flour Riot after the Panic of 1837 and was led by newspaper editor William Leggett.

ANSWER: The **Locofocos**

8. This song tells its addressee “Your daddy’s rich / And your ma is good-lookin’”. For 10 points each:

[10] Name this lullaby with lyrics by DuBose Heyward, in which Clara describes a part of the year when: “Fish are jumpin’ / An’ the cotton is high” to her baby.

ANSWER: “Summertime”

[10] “Summertime” is the first aria in *Porgy and Bess*, an opera with music by this American composer.

ANSWER: George Gershwin [or Jacob Gershwine]

[10] Gershwin wrote *Porgy and Bess* four years after writing this political satire about John P. Wintergreen’s run for President of the United States on a platform of love. It was the first musical to win the Pulitzer Prize for drama.

ANSWER: Of Thee I Sing

9. Derivatizing agents like Mosher’s salt act on molecules with this property. For 10 points each:

[10] Identify this property of a molecule that is not superimposable upon its mirror image. A tetrahedral molecule will have this property if all four of its substituents are distinct.

ANSWER: chirality

[10] A mixture with equal amounts of each enantiomer is referred to by this term. Mixtures of this type are optically inactive, and were first discovered by Louis Pasteur in tartaric acid.

ANSWER: racemic [accept word forms]

[10] Because derivatizing agents convert distinct enantiomers into diastereoisomers with different chemical properties, they can be used to help perform this process. This process produces solutions with e.e. of 100%.

ANSWER: chiral resolution [or optical resolution]

10. The hero who killed this creature applied its poisonous blood to the tips of his arrows. For 10 points each:

[10] Identify this many-headed monster slain by Heracles for his second labor.

ANSWER: Lernaean Hydra

[10] Heracles later died when he wore a shirt covered in this centaur’s blood. The blood of this centaur was poisonous because Heracles had fatally wounded him with one of his arrows tipped in Hydra blood.

ANSWER: Nessus

[10] Heracles encountered Nessus during his journey to this Peloponnesian city. After slaying Acrisius, Perseus traded rulership of the city of Argos for the rulership of this city with its king Megapenthes.

ANSWER: Tiryns

11. Observing the title creature of this poem leads the speaker to admit that “brute beauty and valor and act, oh air, pride, plume here / buckle.” For 10 points each:

[10] Identify this poem in which “morning’s minion, king- / dom of daylight’s dauphin” is seen “upon the reign of a wimpling wing / In his ecstasy!”

ANSWER: “The Windhover”

[10] “The Windhover” is by Gerard Manley Hopkins, whose longest poem is about five nuns perishing in this sort of accident. The title character of Daniel Defoe’s *Robinson Crusoe* survives one of these accidents.

ANSWER: shipwreck

[10] After describing how “the fire that breaks from thee then” is “a billion / Times told lovelier, more dangerous” the speaker of “The Windhover” exclaims this three-word phrase in reference to the title bird.

ANSWER: “O, my chevalier!”

12. Answer these obviously important questions about 2015 Name-of-the-Year nominee, Dr. Electron Kebebew, for 10 points each:

[10] One of the tournament's editors once played pickup basketball against Dr. Kebebew, recalling only that he "had clearly spent a lot of his life impatiently watching people process that his name was Electron." When not dunking on slow white people, Dr. Kebebew oversees cancer research for this cabinet department concerned with safety and healthcare.

ANSWER: **Health and Human Services** [or **HHS**]

[10] HHS collaborates on national health issues with the Surgeon General, who is currently this Vice Admiral. This man's nomination was delayed during the Ebola scare due to resistance from the NRA.

ANSWER: Vivek Hallegere **Murthy**

[10] The Surgeon General also became a political issue in 1994 after this woman suggested that teaching kids to masturbate might be better than letting them get AIDS. You weren't allowed to say that in 1994, so Clinton fired her.

ANSWER: Joycelyn **Elders**

13. Answer the following about synthetic setae, for 10 points each:

[10] Synthetic setae mimic those found on the feet of these reptiles, which cling to walls using adhesion caused by van der Waals attractions.

ANSWER: **geckos**

[10] A team led by this Russian physicist used synthetic setae to create "gecko tape." He won the Ig Nobel for his work levitating frogs, and then won the 2010 Nobel for his discovery of graphene with Novoselov.

ANSWER: Andre **Geim**

[10] In Geim's technique of producing gecko tape, a "mask" of this metal is placed on a polyimide film and then removed through ion bombardment. This metal's chief ore is refined in the Bayer process.

ANSWER: **aluminum** [accept **Al** or **aluminium**]

14. This anthropologist's book *Patterns of Culture* contrasts the Zuni and the Kwakiutl, describing the former as Apollonian and the latter as Dionysian. For 10 points each:

[10] Name this American anthropologist, who studied Japanese culture to write *The Chrysanthemum and the Sword*.

ANSWER: Ruth **Benedict**

[10] In *The Chrysanthemum and the Sword*, Benedict contrasted American and Japanese cultures by describing them as these two types of culture, based on the sentiments they inculcate in those that misbehave.

ANSWER: **guilt** culture and **shame** culture

[10] During World War II, Ruth Benedict co-wrote this pamphlet with Gene Weltfish. It describes how "Northern Negroes" performed better on intelligence tests than "Southern Whites" to indicate the impact of education.

ANSWER: "The **Races of Mankind**"

15. Post-independence leaders of this country include Jose Ramos-Horta. For 10 points each:

[10] Name this country where the Santa Cruz Massacre was carried out in November 1991. In 1999, BJ Habibie allowed this country a referendum on autonomy that led to violence involving FRETILIN.

ANSWER: **East Timor** [or **Timor-Leste**]

[10] East Timor was long-occupied by this country led by Sukarno and Suharto, whose capital is Jakarta.

ANSWER: **Indonesia**

[10] This first President of East Timor was a long-time FRETILIN leader against Indonesian occupation. He is married to Australian activist Kirsty Sword, who first met him by sneaking into Cipinang Prison.

ANSWER: Xanana **Gusmao**

16. Diatomic oxygen exhibits this phenomenon because it has two unpaired electrons in its 2p antibonding molecular orbital. For 10 points each:

[10] Identify this phenomenon where a substance is attracted by an external magnetic field. Materials experiencing it satisfy Curie's Law.

ANSWER: **paramagnetism** [accept word forms]

[10] A substance displays paramagnetic behavior when this quantity is positive, and diamagnetic when negative. This quantity is equal to the magnetization divided by the field strength.

ANSWER: magnetic **susceptibility** [prompt on **chi**]

[10] The constant in Curie's Law is proportional to this function of the angular momentum quantum number J. In general, a particle's total angular momentum has magnitude equal to h-bar times the square root of this function of J.

ANSWER: **J(J+1)** ["J times J+1", accept **J-squared + J**, or these formulas with any letter in the place of J, accept descriptions like "squaring it and adding it to itself"]

17. This czar signed the treaty of Tilsit while on a raft in the Neman River. For 10 points each:

[10] Name this czar of Russia who took personal command of his troops at the battle of Austerlitz and supposedly "wept like a child" after being routed by French forces under Napoleon.

ANSWER: **Alexander I** [or **Aleksandr Pavlovich**]

[10] After Austerlitz, Alexander appointed this Russian general to lead the army. He led the defense of Moscow at the battle of Borodino, where he severely weakened the Grande Armée.

ANSWER: Prince Mikhail **Kutuzov**

[10] The Grande Armée was further decimated by Kutuzov at this 1812 battle in modern-day Belarus. The French escaped across the namesake river, earning the right to instead slowly die of starvation, disease, and hypothermia.

ANSWER: Battle of **Berezina**

18. Though this philosophical text is not its author's first explication of the blond beast, it includes a link between the fear that comes with a rise in German power to a memory of the terror of the blond beast. For 10 points each:

[10] Identify this text that used the term *ressentiment* to characterise the slave's relation to the master in an ethical framework.

ANSWER: ***On the Genealogy of Morals: A Polemic*** [or ***On the Genealogy of Morality: A Polemic***; or ***Zur Genealogie der Moral: Eine Streitschrift***]

[10] *On the Genealogy of Morals* is a work by this German philosopher who also wrote *Thus Spake Zarathustra*.

ANSWER: Friedrich **Nietzsche**

[10] The 1950's-60's translations of Nietzsche by this German-American philosopher rehabilitated his reputation in the English-speaking world, but have been criticized by scholars such as Brian Leiter for their extreme inaccuracy.

ANSWER: Walter (Arnold) **Kaufmann**

19. In 1950, while dying of lymphoma, Dinu Lipatti made a legendary recording of this composer's waltzes. For 10 points each:

[10] Name this 19th-century Polish composer, known for his large output of piano music, including polonaises nicknamed "Military" and "Heroic".

ANSWER: Frédéric (François) **Chopin** [or Fryderyk (Franciszek) **Chopin**]

[10] In addition to writing waltzes and polonaises, Chopin also composed over 50 of these Polish dances in 3/4 time. They often feature a dotted eighth-sixteenth rhythm on the first beat, followed by a stressed second beat.

ANSWER: **mazurkas**

[10] A mazurka is the second movement of this five-movement suite of incidental music by Aram Khachaturian. It concludes with a galop and opens with Khachaturian's most popular waltz.

ANSWER: ***Masquerade Suite***

20. This nineteen-line poetic form is composed of five tercets and a quatrain and was established by Jean Passerat's "J'ay perdu ma Tourterelle." For 10 points each:

[10] Name this poetic form. In it, the first and third lines of the first stanza are refrain lines, and every other stanza ends in one of them. One of the most famous refrain lines is: "Do not go gentle into that good night."

ANSWER: **villanelle** [accept "**villanesque**," do not accept "villanella"]

[10] Passerat was better known as a political writer, and contributed to a literary attack on the Catholic League titled for this classical genre, usually long prose works mocking attitudes or trends rather than individuals.

ANSWER: **Menippean** satire [prompt on "satire"]

[10] Another prominent writer of Menippean satires was this 16th-century French author of *Gargantua and Pantagruel*.

ANSWER: François **Rabelais** [accept Alcofribas **Nasier**]