

FACTS

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PACKET 05

Editors 1 (TJ + CSW)

TOSSUPS

1. In a novel by this man, John Goodcountry takes advantage of a famine to convert a village to Christianity, while another of his works features the corrupt Minister of Culture, Chief Nanga. This author's *A Man of the People* ends with the assassination of Sam, the dictator of Kangan, and this author labelled (*) Joseph Conrad a "bloody racist" in his essay *An Image of Africa*. Ikemefuna is killed by his adoptive father in the first book of this man's African Trilogy, which is set in the Igbo village of Umuofia. For 10 points, name this Nigerian author who wrote about Okonkwo fighting the loss of his culture in the novel *Things Fall Apart*.

ANSWER: Chinua Achebe [or Albert Chinualumogu Achebe]

2. In one of these works, shots of the artist are interspersed with messages like "I took your advice for way too long" and "Life is like a box of chickens." A black-and-white one of these works features the artist flying through the air while pumping his fists and a shot of four police officers carrying the artist's car down a street. A more recent one of these works depicts a father figure showing a child where to (*) punch an opponent, while another shows the artist failing to ad-lib after claiming "I don't fabricate it". That work opens with the artist in white robes standing beneath a sunbeam and later shows him amongst a crowd of bald men bobbing their heads. For 10 points, give these works that offer visuals to such songs as "Alright", "ELEMENT", and "HUMBLE".

ANSWER : Kendrick Lamar's music videos [accept either name underlined; accept any of the following in place of Kendrick Lamar: "King Kunta", "K-Dot", "Kendrick Lamar Duckworth", or "Kung-Fu Kenny"; accept clear equivalents to "music video"; prompt on partial answers]

3. This man's successes are often credited to the budget surplus he inherited from his predecessor, Anastasius, whose nephew Hypatius he later had executed. This man was alleged to have a vanishing head by a history that also accused him of killing one trillion people. This leader ordered Narses to quell a feud between the Blues and the Greens, two (*) chariot racing factions. Upon completing a major building project, this leader exclaimed "Solomon, I have outdone thee". The historian Procopius chronicled the defeat of the Sassanids at the hands of this man's general Belisarius. For 10 points, name this Emperor, the builder of the Hagia Sophia and developer of a namesake Byzantine law code.

ANSWER: Justinian I [or Justinian the Great, or Saint Justinian the Great; also accept Flavius Petrus Sabbatius Iustinianus Augustus or Flávios Pétros Sabbátios Ioustinianós]

4. A farmer named Plough Jogger gave a famous speech about the oppression he'd suffered in the run-up to this event, which was sparked in part by a man's anger at being forced to pawn a sword given to him by the Marquis de Lafayette. The goal of this event was to take the Springfield armory and eventually overthrow the United States government, but it was dispersed by the combined forces of James (*) Bowdoin and Benjamin Lincoln. For 10 points, name this rebellion that broke out in Massachusetts in 1786 due to excessive tax burden and a refusal by the government to print paper currency.

ANSWER: Shays' Rebellion [accept anything involving Shays and a synonym of rebellion; do not accept anything involving Shay]

5. In one short story by this author, Ginnie Maddox finds herself unable to discard a chicken sandwich, drawing a parallel between it and an Easter chick. In another work by this author of “Just Before the War with Eskimos,” an army veteran is chastised by a child for sitting next to Sharon Lipschutz. That short story (*), *A Perfect Day For Bananafish*, is part of a series he wrote about the Glass family. The narrator of his only novel is the former manager of his school’s fencing team and hangs around his sister Phoebe after being kicked out of Pencey Prep. For 10 points, name this author who wrote about Holden Caulfield in *The Catcher in The Rye*.
ANSWER: Jerome David Salinger [or J. D. Salinger]

6. This architect feuded with Donald Trump after his Beekman Tower was constructed one foot taller than the Trump World Tower. Another of this man’s buildings was inspired by the shape of a smashed guitar and has a monorail running through it; that building is the Museum of Pop Culture. With Vlado Milunić, this man designed a building whose warped outline evokes the image of a (*) dancing couple, while an outdoor music venue in Millenium Park is this man’s Pritzker Pavilion. The titanium metal sheets of another of his buildings, which the *The New Yorker* called a “fantastic dream ship”, sits on the Nervion River. For 10 points, name this Canadian architect of the Walt Disney Concert Hall and the Guggenheim Museum in Bilbao.
ANSWER: Frank Owen Gehry

7. The “tango” type of these structures stores preferred paths in auxiliary copies of these structures, while the k-d type organizes points in k-dimensional space. Adelson-Velsky and Landis developed a type of these structures that rearranges itself whenever elements are added or deleted, making it self-balancing. Data from these structures can be retrieved using level-order (*) traversals, since these data structures are acyclic connected graphs. If the nodes of these data structure are kept in sorted order, then they are called the “binary search” type of these structures. For 10 points, name these data structures whose lowest-level elements are called “leaves”.
ANSWER: trees [accept binary trees, binary search trees or BSTs; prompt on answers involving “graphs”]

8. NOTE TO MODERATOR: read notes slowly. Pause at the slash. The movements of one piece for this instrument are structured as a nocturne, scherzo, passacaglia, and burlesque. This instrument, for which Shostakovich wrote an A minor concerto, plays the opening notes “G / A D” over soft strings in a 1905 concerto whose third movement was described as a “polonaise for polar bears”. Due to an overly prominent oboe solo, Pablo de Sarasate refused to perform Brahms’s (*) D major concerto for this instrument. Another concerto for this instrument unusually includes no orchestral introduction before the soloist’s entry. Twelve concerti for this instrument comprise *The Contest Between Harmony and Invention*. An E minor concerto by Mendelssohn features, for 10 points, what string instrument that plays Vivaldi’s *The Four Seasons*?
ANSWER: violin

9. Description acceptable. A modern variant of one of these situations is called Thomson’s lamp. Aristotle concluded one of these thought experiments implies half of a given time equals twice that time. The third of these statements concerns the sound made by falling millet seeds, while another of them centers on “moving rows.” One philosopher disproved these statements by walking away from their formulator, who was from the (*) Eleatic school of Parmenides. That formulator names a quantum effect that parallels one of these thought experiments, which proposes that an arrow is at rest at every moment. For 10 points, name these thought experiments “proving” the impossibility of motion, including “Achilles and the Tortoise.”
ANSWER: Zeno (of Elea)’s Paradoxes [or obvious equivalents mentioning Zeno, but do not accept “Zeno of Citium”]; prompt on paradox and prompt on anything describing proofs of the impossibility of motion by asking, “Who created them?”]

10. A line from this poem titles a Robert Penn Warren novel surrounding the murder trial of Kentucky lawyer Jeremiah Beaumont. The speaker of this poem imagines walking by the river Humber before declaring that his love should grow “vaster than empires, and more slow”. This poem urges the addressee to roll (*) “our sweetness up into one ball”. This work’s narrator praises a woman’s beauty by saying that “A hundred years should go to praise” and “Two hundred to adore each breast”, but encourages her to stop being such a tease because he hears “Time’s wingèd chariot hurrying near.” For 10 points, name this carpe diem poem addressed to the title lady by Andrew Marvell.

ANSWER: To His Coy Mistress

11. The narrator of a Nicolo Kazantzakis work carries around a book by this author and refers to it as his “traveling companion.” This author blended prose and verse in one work that examines the restrictions of courtly love. Apart from writing *La Vita Nuova*, this author details a gruesome account of(*) Judas Iscariot’s gnawed head and describes the well-fortified city of Dis. The narrator of that work is guided through the circles of hell by the author of the Aeneid and his lifelong lover, Beatrice. For 10 points, name this Italian author of the Divine Comedy.

Answer: Dante Alighieri [accept either underlined answer]

12. This deity’s “mirror” was a lake with sacred grove ruled by the man who killed the last priest-king, called Lake Nemi. In Acts, the Apostle Paul angers silversmiths of statues of this pagan figure in Asia Minor. This deity’s cult center at Brauron was created by Iphigenia, who was to be sacrificed to this deity at Aulis. Before they could marry, Athenian women had to “play the (*) bear,” this goddess’s sacred animal, at Brauron. The Ceryneian Hind was one of this goddess’s sacred deer. Women dedicated their old toys to her before marrying, since her domains included chastity. For 10 points, name this daughter of Leto and goddess of the hunt.

ANSWER: Artemis [or Diana; accept Diana’s Mirror]

13. For a particle, the generalized form of this quantity is equal to the derivative of the particle’s Lagrangian with respect to its generalized velocity. The center-of-mass frame is a special case of the center-of-[this quantity] frame, and thus, relative to the center of mass, the net amount of this quantity for a system is zero. Unlike (*) energy, this quantity is always conserved during explosions and collisions, as Newton’s second law states that external force equals the time derivative of this quantity. For 10 points, give this physical quantity equal to mass times velocity, generally understood as the impetus gained by a moving body.

ANSWER: linear momentum [or translational momentum; do not accept or prompt on “angular momentum”]

14. In a modification to a law named for this man, the ratio of Boltzmann’s constant and Planck’s constant replaces the “frequency” factor. The first chapter of this scientist’s book *Worlds in the Making* examines the role of volcanic eruptions on the environment, thus leading to his prediction of global (*) warming based on the rising amount of carbon dioxide in the atmosphere. This man’s namesake equation raises e to the ratio of activation energy and the product of the ideal gas constant and temperature and is used to calculate the rate constant for a reaction. For 10 points, name this man, whose definition of acids and bases is based on whether a substance dissociates into hydroxide or hydronium ions.

ANSWER: Svante (August) Arrhenius

15. The eponymous “Comma” of a man with this name is a passage from Chapter 5, Verse 7 of a namesake book, reading in part “the Father, the Word, and the Holy Ghost: and these three are one.” Another book written by a man with this name contains seven “I am” statements. In that book, the only non-Synoptic (*) Gospel, Nicodemus asks “How can a man be born when he is old?” Another man of this name had visions while on the island of Patmos, and a book with this name opens: "In the beginning was the Word." For 10 points, give this name of the author of three eponymous epistles, Revelation, and the fourth Gospel after Matthew, Mark, and Luke. ANSWER: John [or Ioannes, or Johannes; accept John the Evangelist or John the Apostle or John of Patmos or John the Presbyter; accept The Comma Johanneum or The Johannine Comma or The First Epistle of John or First John or The Gospel of John or The Gospel According to John or *To kata Iōánnēn euangélion*]

16. Muammar Gaddafi sent troops to assist this man in annexing the disputed Kagera region, and this man married the nineteen year-old go-go dancer Sarah Kyolaba. This leader ordered the killing of Dora Bloch after his harboring of Palestinian (*) hijackers led to an attack on Entebbe airport to rescue Israeli hostages. This leader expelled 60,000 Asians from his country claimed to be the uncrowned king of Scotland, and titled himself “Lord of All the Beasts of the Earth” before being overthrown by an invasion from his country’s Southern neighbor, Tanzania. For 10 points, name this notoriously insane Ugandan dictator. ANSWER: Idi Amin Dada [accept “His Excellency, President for Life, Field Marshal Al Hadji Doctor Idi Amin Dada, VC, DSO, MC, Lord of All the Beasts of the Earth and Fishes of the Seas and Conqueror of the British Empire in Africa in General and Uganda in Particular”]

17. This state’s Bosque Redondo Reservation was the destination of the Long Walk of the Navajo, and it contains most of the Staked Plain. This state’s Edwards Plateau is located in its Hill Country, and this state’s largest city is located on Buffalo Bayou. This state contains the Eastern portion of the Permian Basin as well as the Nueces and (*) Brazos Rivers, and its “panhandle” contains the cities of Amarillo and Lubbock. Big Bend National Park is located along the Rio Grande in this state. For 10 points, name this state whose cities include Houston, Dallas and its capital, Austin. ANSWER: Texas

18. Francis Collins and Lap-Chee Tsui conducted a GWAS which linked a deletion of three nucleotides, CTT, to this disease. Newer drugs attempting to mitigate symptoms of this disease include one which targets the nonsense mutation G542X. Mutations in G551D and phenylalanine-508 (*) results in this disease, which leads to difficulty absorbing fat soluble vitamins, especially Vitamin K. This disease can lead to congenital absence of the vas deferens. A misfolded CFTR protein which does not conduct chloride ions across the cell membrane causes, for 10 points, what autosomal recessive disease where mucus builds up in the lungs? ANSWER : cystic fibrosis [or CF]

19. In one painting by this artist, a blue-clad, ambiguously pregnant woman stands in front of a wall map while reading a letter. A depiction of the crucifixion hangs behind a dangling glass orb and a woman with her hand on her chest in this artist's *The Allegory of Faith*, while, in another work, this artist depicted the titular servant emptying out a (*) jug into a bowl next to a basket of bread. In this artist's most famous painting, a woman in a blue and yellow turban glances over her shoulder, exposing a prominent piece of jewelry hanging from her left ear. For 10 points, name this Dutch painter of *The Milkmaid* and *Girl with a Pearl Earring*. ANSWER: Johannes Vermeer [accept Jan Vermeer or Johan Vermeer]

20. As Prime Minister, this man ordered Napier's expedition against Tewodros II of Ethiopia. This man's successor, Lord Salisbury, was the last prime minister to come from the House of Lords. While not in politics, this man authored the novel *Sybil, or the Two Nations*. This man first became a national political figure during the "Who? Who?" ministry, and the first Delhi Durbar was held to celebrate his crowning (*) of Queen Victoria as Empress of India. This Prime Minister led the Conservative party for much of the 1860s and 70s. For 10 points, name this only Jewish prime minister of the UK, the long time rival of William Ewart Gladstone.
ANSWER: Benjamin Disraeli [accept Earl of Beaconsfield before mention]

TB. In *Life is a Dream*, a prince from this country is imprisoned in a tower by his father, Basilio. This country's national epic has a title translating as "Mister Thaddeus", and an author from this country wrote pioneering science-fiction works including *Solaris*. Another novelist from this country wrote about the reign of Nero in (*) *Quo Vadis?* It's not Romania, but the protagonist's father dies during a forced march after witnessing the hanging of a Jewish boy in a novel set in this country. That novel, *Night*, is by Elie Wiesel, a survivor of this country's Auschwitz concentration camp. For 10 points, name this country home to Adam Mickiewicz, Stanisław Lem, and Henryk Sienkiewicz.
ANSWER: Poland

BONUSES

1. Wait, people live here? For 10 points each, name some places with population densities below one person per square kilometer:

[10] This region of Australia, with capital at Darwin, has a population density of 0.18 people per square kilometer and contains such tourist attractions as Kakadu National Park in the Top End and Uluru in central Australia.

ANSWER: The **Northern Territory** [or **NT**]

[10] This autonomous constituent country within the Kingdom of Denmark is the largest island in the world and has a population density of only 0.028 people per square kilometer, probably due to its vast permanent ice sheet.

ANSWER: **Greenland** [also accept **Kalaallit Nunaat** or **Gronland**]

[10] This largest contiguous sand desert in the world hosts various local tribes, including the Bani Yas from the United Arab Emirates. This desert's name means "Empty Quarter" in Arabic.

ANSWER: The **Rub' al Khali** [or ar-**Rub' al Khali**; prompt on "Empty Quarter"]

2. The ruling in this court case overturned *Pace v. Alabama*'s ban on interracial marriage. For 10 points each:

[10] Name this landmark 1967 case which struck down anti-miscegenation laws nationwide.

ANSWER: **Loving v. Virginia**

[10] The majority opinion for *Loving v. Virginia* was written by this Chief Justice, who was appointed by President Eisenhower. This former governor of California presided over the Court in *Brown v. Board of Education*.

ANSWER: Earl **Warren**

[10] This Associate Justice filed a concurring opinion in *Loving v. Virginia* and declared "I know it when I see it" when asked to define obscenity in *Jacobellis v. Ohio*.

ANSWER: Potter **Stewart**

3. This work imagines a fictitious sister of William Shakespeare named Judith, who is unable to realize her talent due to a lack of education. For 10 points each:

[10] Name this essay, which argues that women require financial stability and a degree of independence in order to write.

ANSWER: "**A Room of One's Own**"

[10] *A Room of One's Own* is by this British novelist, who also wrote about the Ramsay family and their excursions to Scotland in *To the Lighthouse*.

ANSWER: (Adeline) Virginia **Woolf**

[10] Considered Woolf's most experimental work, this other novel narrates six characters' lives entirely through soliloquies. Interestingly, the seventh character Percival never speaks.

ANSWER: *The Waves*

4. Variants of this general lab procedure include the gas phase and zeta potential types. For 10 points each:

[10] Name this technique used to determine the concentration of an unknown solution given a solution of known concentration. This technique is often performed with acids and bases to determine pH.

ANSWER: acid-base **titration** [or gas phase **titration** or zeta potential **titration**; accept **volumetric analysis** or acid-base **titrimetry** or gas phase **titrimetry** or zeta potential **titrimetry**]

[10] One should ideally end a titration at this stage, the volume at which the number of moles of analyte and titrant are equal. This stage occurs at the inflection point of the pH curve, and should not be confused with the endpoint.

ANSWER: **equivalence** point [or **stoichiometric** point]

[10] This type of titration is often used to determine the mixture of different metal ions in solution. This technique is named for the species of the colored ionic compounds that indicate the endpoint of the titration.

ANSWER: **complexometric** titration [or **chelatometry**]

5. Answer the following about sorting algorithms, for 10 points each:

[10] Most sorting algorithms use this operation to determine the relative order of two objects. In Java, sortable objects implement an interface that contains a method for doing this operation.

ANSWER: **comparison** [accept word forms; also accept **compareTo()** or **compare()**]

[10] This simple sorting algorithm has both worst-case and average complexities of $O(n^2)$ ["O of n squared"], since it has to compare every element with nearly every other element to "float" the elements through the list. Insertion sort and selection sort are both better than this algorithm.

ANSWER: **bubble** sort [or **sinking** sort]

[10] This non-comparison-based sorting algorithm can be used to sort a list of small positive integers. It operates by tallying the number of occurrences of each integer in a set and using arithmetic to determine the positions of the integers in the sorted output sequence.

ANSWER: **counting** sort

6. These objects are used to celebrate the Ambubachi Mela. For 10 points each:

[10] Name this representation of Shakti in the form of a dish with a spout.

ANSWER: **yonis**

[10] Yoni are often used in conjunction with and physically connected to the lingam which represent this Hindu destroyer god.

ANSWER: **Shiva**

[10] For seducing Ahalya, this god was cursed to be covered in a thousand marks of the yoni which became eyes. He slayed Vritra, with his Vajra, a thunderbolt.

ANSWER: **Indra**

7. Answer some questions about the world's oldest profession... as it appears in the Bible. for 10 points each:

[10] This prostitute hangs a scarlet cord out of the window of her house in the wall to be saved from the destruction of Jericho. She had earlier hid two Israelite spies and saved them from capture.

ANSWER: **Rahab**

[10] After her first two husbands, Er and Onan, fail to give her a child, this woman poses as a temple prostitute to seduce Judah. She then gives birth to Perez and becomes one of the four women listed in Jesus' genealogy.

ANSWER: **Tamar**

[10] This important strumpet appears alongside a dragon in the Book of Revelation. She shares her name with an empire ruled by Nebuchadnezzar the Great.

ANSWER: **Babylon** the Great [accept the Whore of **Babylon**]

8. Malarone and chloroquine are common treatments for this illness. For 10 points each:

[10] Name this disease that can be transmitted by mosquitoes carrying the *Plasmodium* parasite.

ANSWER: **malaria**

[10] The 2015 Nobel Prize in Medicine was awarded to Tu Youyou for isolating this compound from sweet wormwood. Derivatives of this compound are now used in standard malaria treatments.

ANSWER: **artemisinin** [accept **C₁₅H₂₂O₅**]

[10] After the *Plasmodium* parasite enters the bloodstream, it can travel to this organ, where it invades and replicates within hepatocytes, thus causing vomiting and other symptoms. This organ is responsible for breaking down bilirubin and ammonia.

ANSWER: **liver**

9. This man described beauty as being “momentary in the mind -/ The fitful tracing of a Portal” in “Peter Quince at the Clavier.” For 10 points each:

[10] Name this American poet who wrote about a muscular “roller of big cigars” in “The Emperor of Ice Cream.”

ANSWER: Wallace **Stevens**

[10] This Wallace Stevens poem describes a creature perched “among twenty snowy mountains” while “Icicles filled the long window/ With barbaric glass” in winter.

ANSWER: **“Thirteen Ways of Looking at a Blackbird”**

[10] A woman questions her Christian faith in this Stevens poem that begins by describing the “Complacencies of the peignoir, and late/ Coffee and oranges in a sunny chair”.

ANSWER: **“Sunday Morning”**

10. Answer some questions about unconventional time signatures, for 10 points each:

[10] The third movement of this Austrian composer’s String Quartet features such time signatures as 3/10, 3/32, and 4/16. This man was a member of the Second Viennese School alongside Arnold Schoenberg and Alban Berg.

ANSWER: Anton (Friedrich Wilhelm von) **Webern**

[10] Compositions in the time signature of 5/4 include the “limping waltz” second movement of this Russian composer’s “Pathétique” Symphony. He also wrote the *1812 Overture*.

ANSWER: Pyotr Ilyich **Tchaikovsky**

[10] This cabaret pianist got rid of time signatures entirely in his *Gnossiennes* [NO-syen], most of which are written in free time. This French composer of *Gymnopédies* inspired the formation of Les Six [lay-SEES].

ANSWER: Erik **Satie** [or Éric Alfred Leslie **Satie**]

11. A defining work from this artistic movement is *Dynamism of a Dog on a Leash* by Giacomo Balla. For 10 points each:

[10] Name this artistic movement that originated in Italy at the beginning of the 1900s. It was influenced by machinery and emphasized motion and violence.

ANSWER: **Futurism**

[10] This Futurist artist depicted a busy suburb in his *The City Rises*, although he is better for a bronze statue titled *Unique Forms of Continuity in Space*.

ANSWER: Umberto **Boccioni**

[10] Filippo Marinetti summarized the values of Futurism in a manifesto which declares one of these vehicles to be “more beautiful than the winged Nike of Samothrace”.

ANSWER: a roaring **automobile** [or **car**; accept obvious equivalents]

12. Get ready for the sickest lit bonus of all time. For 10 points each:

[10] Name this disease referenced in the title of a Gabriel Garcia Marquez novel in which Fermina Daza breaks off an engagement to Florentino, instead choosing to marry Juvenal Urbino.

ANSWER: **cholera** [accept *Love in the Time of Cholera* or *El amor en los tiempos del colera*]

[10] The stigma attached to this disease is discussed in Tony Kushner's play *Angels in America*. In the play, the character Roy Cohn dies of this disease despite his hoarding of AZT.

ANSWER: **A**cquired **I**mmune **D**eficiency **S**yndrome [or **AIDS**; prompt on “Human Immunodeficiency Virus” or “HIV”]

[10] This author presented a fictionalized account of the Great Plague of London in *A Journal of the Plague Year* and often ran into trouble with politically charged works like *The Shortest Way with the Dissenters*.

ANSWER: Daniel **Defoe** [accept Daniel **Foe**]

13. Primo Levi's book, *If This Is a Man*, was inspired by the time he spent at this location. For 10 points each:

[10] Name this complex in Poland. The phrase "Arbeit Macht Frei" is branded on its gates.

ANSWER: **Auschwitz-Birkenau**

[10] A meeting with Dr. Mengele is described by this narrator of *Night*, who is shuttled to Auschwitz with the rest of his family. This character discusses the Jewish Kabbalah with Moshe the Beadle earlier in the novel.

ANSWER: **Eliezer Wiesel** [accept either underlined part]

[10] This German industrialist saved hundreds of Jews during the Holocaust by employing them in his factory. His life was novelized by Thomas Keneally.

ANSWER: Oskar **Schindler**

14. This phenomenon has high irregularity and is characterized by vortex stretching. For 10 points each:

[10] Name this chaotic flow that occurs at high Reynolds numbers. This phenomenon is frequently experienced as bumpiness by passengers on an airplane.

ANSWER: **turbulent** flow [or **turbulence**]

[10] These partial differential equations describe the motion of viscous fluid substances, and can thus be used to model turbulent flow. A smooth solution to these equations is the focus of one of the Millennium Problems.

ANSWER: **Navier-Stokes** equations

[10] This fundamental equation in fluid dynamics states that the time derivative of density for a small fluid element equals the divergence of density time velocity field. Simply stated, things that go somewhere must come from somewhere according to this equation.

ANSWER: **Continuity** equation

15. This anthropologist performed perhaps the most famous example of "salvage ethnography" alongside his wife Theodora. For 10 points each:

[10] Name this anthropologist who adopted and subsequently studied Ishi, the last of the Yahi people.

ANSWER: Alfred (Louis) **Kroeber** [KREE-bur]

[10] Kroeber studied at Columbia University under this pioneering American anthropologist, who also taught Margaret Mead and Ruth Benedict. This man argued against the link between cranial size and race.

ANSWER: Franz (Uri) **Boas**

[10] The Yahi language was documented by Kroeber with the help of this other Columbia anthropology student. He co-names a theory also called "linguistic relativity" with his student Benjamin Lee Whorf.

ANSWER: Edward **Sapir** [accept **Sapir**-Whorf hypothesis]

16. Viktor Orban visited this former leader in April 2016 to discuss the settlement of Syrian refugees in Europe. For 10 points each:

[10] Name this chancellor of West Germany who oversaw German reunification efforts during the 1990s.

ANSWER: Helmut **Kohl**

[10] Helmut Kohl was a member of the Christian Democratic Union, currently led by this woman who has served as German chancellor since 2005.

ANSWER: Angela **Merkel**

[10] Kohl partnered with François Mitterrand on this treaty named for a Dutch city which established the European Union.

ANSWER: Treaty of **Maastricht**

17. The delivery of a fish wrapped in a vest in this movie is used to signify the death of Luca Brasi. For 10 points each:

[10] Name this 1972 film directed by Francis Ford Coppola about the Corleone crime family.

ANSWER: *The **Godfather*** [do NOT accept “The Godfather Part II” or “The Godfather Part III”]

[10] This actor won a second Best Actor Oscar for his portrayal of Vito Corleone in *The Godfather*. He won his first Oscar in his role as Terry Malloy in *On the Waterfront*, and other roles of his include Colonel Kurtz in *Apocalypse Now*.

ANSWER: Marlon **Brando** Jr.

[10] In a famous scene from *The Godfather*, clips of rival family bosses being gunned down by Corleone hitmen are juxtaposed with Michael Corleone at one of these events.

ANSWER: **baptism** [or **christening**]

18. Answer the following about some pre-Columbian American cultures known for their use of metal. For 10 points each:

[10] A group of cultures in the Great Lakes basin are conventionally named for their use of this metal, which was exploited almost nowhere else in the Americas.

ANSWER: **copper** cultures

[10] The use of an alloy called guanine by the Taino people on this island has led some scholars to theorize that it was visited by Africans before Columbus, who founded the city of La Isabela on this island.

ANSWER: **Hispaniola**

[10] This South American empire was known for its ornate gold sculptures, a room full of which were demanded by Francisco Pizarro when he captured their emperor, Atahualpa.

ANSWER: **Inca** empire [accept **Tawantinsuyu**]

19. Although the Last Alliance of Elves and Men accomplished many things, they never managed to thirty a bonus in Quiz Bowl. For 10 points each:

[10] One of the accomplishments of the Last Alliance was defeating this being, who ruled over the land of Mordor. Frodo has a vision of this being’s eye in the Mirror of Galadriel.

ANSWER: **Sauron** [or **Sauron** the Deceiver; accept the **Necromancer** of Dol Guldur or **Mairon** or **Gorthaur** or the **Nameless Enemy** or **Zigur** or **Annatar** or **Aulendil** or **Artano**]

[10] Sauron masterminded the destruction of this Atlantis-like island, as described in the Akallabêth. The Dúnedain are the descendants of the refugees from this island.

ANSWER: **Númenor** [accept **Elenna-nórë** or **Westernesse**]

[10] The Dúnedain, which include Isildur and Aragorn, play a large role in this trilogy about the struggle against Sauron. This trilogy takes place on Middle Earth and was written by J. R. R. Tolkien.

ANSWER: *The **Lord of the Rings***

20. Answer the following about medieval Hungary. For 10 points each:

[10] This first king of Hungary was canonized after his death. Known as Vajk [VIKE] before his conversion to Catholicism, this ruler was crowned by Pope Sylvester II.

ANSWER: **St. Stephen** [accept **Stephen I**, **Istvan I**, **St. Istvan**; prompt on **Stephen** or **Istvan**]

[10] King Bela IV lost the battle of the Sajo River to these people, whose invasion of Europe was halted after the death of Ogedei Khan.

ANSWER: **Mongols**

[10] This Holy Roman emperor and namesake of a dynasty that succeeded the Carolingians defeated a party of Hungarian raiders at the Battle of Lechfeld, thus earning himself the epithet “the Great”.

ANSWER: **Otto I** [accept **Otto the Great**]