

1. One tumor of this tissue is caused by an EWS to FLI1 translocation and presents with an onion skin appearance, and tumors of this tissue often create Codman triangles. Mutations in the src kinase in mice results in abnormally high density of this tissue. Besides Ewing's sarcoma, this tissue is usually destroyed heavily in multiple myeloma, creating "punch-out" lesions. The cells that break down this tissue rest in Howship's Lacunae, and Volkmann's canals run transversely through this tissue, perpendicularly to Haversian canals. This tissue contains large amounts of hydroxyapatite, and parathyroid hormone causes its resorption. It comes in cortical or compact and cancellous or spongy varieties, and its cells are known as osteocytes. This tissue becomes porous in osteoporosis. For 10 points, name this white, hard, calcium-containing tissue that composes the skeletal system.

ANSWER: **Bone**

048-11-30-07102

2. Andrew Lloyd Webber's only complete classical composition is this type of work. John Rutter composed one which includes words from the *Book of Common Prayer*. Krzysztof Penderecki incorporated the hymn "Swiety Boze" into his "Polish" one, while Luigi Cherubini wrote one in C minor. Maurice Duruflé wrote one of these works for organ and orchestra ending with the movement "In Paradisum," inspired by an earlier one composed by Gabriel Faure. The piece of this type by Benjamin Britten is set to lines from poems by Wilfrid Owen, and is known as the "war" one. Its sections include the gradual, the sequence, and the offertory. For 10 points, name this composition based on the Latin mass for the dead.

ANSWER: **requiem** masses

024-11-30-07103

3. In bulk metals, this effect explains field electron emission and is described by the Fowler-Nordheim type equations. Erasing a NOR flash cell is dependent on this effect occurring in the floating gate, and this effect can be used to achieve negative differential resistance in a particular type of diode named for Esaki. This phenomenon results in the production of a current in the DC Josephson effect. Alpha decay is governed by this process, in which a particle's Schrodinger equation is represented as a decaying exponential function. For 10 points, name this phenomenon of quantum mechanics in which a particle can go through a classically forbidden region.

ANSWER: quantum **tunneling**

064-11-30-07104

4. In a Lithuanian story, the death of Zilvinas causes Egle to turn herself into one of these entities. In the Popul Vuh, the head of Hunahpu brings one of them back to life. In Greek mythology, Melampus heals the prince of Pylos by removing a knife from one of them. A princess of Cyprus is transformed into one of these after seducing her father Cinyras, in which form she gives birth to Adonis. After receiving generous hospitality, Zeus and Hermes transform Baucis and Philemon into these entities. In Greek mythology they are inhabited by Dryads. Daphne became one of these to escape Apollo. For 10 points, the Norse Yggdrasil is an example of what kind of large mythological plant?

ANSWER: **trees**

015-11-30-07105

5. This monarch dismissively referred to the previous king as “Mr. Caliban”, and vast sums were committed to a wartime budget by this monarch’s minister, Sidney Godolphin. A smooth transition of power following this monarch’s death was ensured by Charles Talbot, the Lord Chamberlain. The Octobrists were a group of Tories who demanded an end to the war that dominated most of this monarch’s reign. An Act of Union passed during this monarch’s reign united England and Scotland. The era of two-party politics is often said to have begun during this monarch’s reign, and this monarch was forced to dismiss the Tory minister Robert Harley due to the scheming of Abigail Masham, the rival of Sarah Churchill. Taking the throne after the death of William III, none of the children from her 18 pregnancies survived to adulthood. For 10 points, name this last Stuart monarch of England.

ANSWER: Queen **Anne** I Stuart

094-11-30-07106

6. According to Vasari, Paolo Uccello was so in love with this entity that he refused to go to bed with his wife. It was first introduced to Europe through a work of Al-Hazen. In *Della pittura*, Alberti recommends using a veil and a "costruzione legittima" to employ this technique. Brunelleschi had people look through a peephole in the back of a painting to demonstrate it, and is often named as its inventor. This technique can be illustrated with the use of orthogonals to show the convergence of parallel lines at a vanishing point. For 10 points, identify this painting technique that is used to illustrate foreshortened objects and distance on a two-dimensional surface.

ANSWER: **perspective**

033-11-30-07107

7. At the beginning of this novel, one character argues over a two pence toll and saves a man who falls asleep in a smoky hut. The protagonist of this work sends a playful valentine note to William Boldwood asking him to marry her, and later falls in love with a man who had previously impregnated Fanny Robin. Another character in this work is ruined after a sheepdog drives his flock over a cliff. Among the suitors of this work’s protagonist are Sergeant Troy and Gabriel Oak. Bathsheba Everdene is the protagonist of, for 10 points, what Thomas Hardy novel whose title was taken from a line in "Elegy Written in a Country Churchyard"?

ANSWER: ***Far from the Madding Crowd***

064-11-30-07108

8. In the late 1940s and early 50s, government oversight of these was carried out by committees led by Haskins and Stevenson. One type of these was produced in Building 470. During the Cold War, Plum Island was used for activities related to these. The U.S. investigated these in Project Whitecoat. Nixon destroyed stockpiles of these at the Pine Bluff Arsenal and stopped production efforts at Fort Detrick, Maryland, the home of USAMRIID. George W. Merck headed research into them during World War II. One of these was possibly used by a person some believe to be Bruce Edwards Ivins in a series of 2001 attacks through the mail. For 10 points, name these weapons that include smallpox and anthrax.

ANSWER: **biological weapons** [accept **biological** weapon after weapon is mentioned; accept anything indicating that disease and/or creatures are being used in a military context; prompt on **diseases**]

001-11-30-07109

9. Future Senate Majority Leader Bill Frist operated on this man after he was accidentally shot in the chest with an M-16 in 1991. As head of the army's officer school at Fort Leavenworth, this man oversaw the writing of Army Field Manual 3-24, which was an effort to revise counterinsurgency doctrine. This man assumed his current position shortly after his predecessor, Stanley McCrystal, was fired for comments he made regarding civilian military policy in *Rolling Stone*. For 10 points, name this one-time commander of the Multi-National Forces in Iraq, and current commander of U.S. forces in Afghanistan.

ANSWER: David **Petraeus**

030-11-30-07110

10. In 2010, this country opened the Monument of African Renaissance, which was built by North Korean laborers and which this country's president claimed a thirty-five percent commission on because it was his idea. With its smaller neighbor, this country is the site of over 1,000 stone circles used to mark burial mounds. Locations in this country that played an important role in the slave trade include Saint-Louis and the site of the Maison des Esclaves, the island of Gorée. The Gambia is almost entirely surrounded by this country. For 10 points, name this country, home to the westernmost point in Africa and the city of Dakar.

ANSWER: **Senegal**

088-11-30-07111

11. The main characters of this novel attempt to smuggle a friend out of the country in a carrot truck before he abandons the corpse of Jules Peterson in their hotel room. An incident when Maria Wallis shoots a woman on a train prefigures the violent death of Abe North in this novel, while earlier Albert McKiscko challenges Tommy Barban to a duel. The protagonist meets his wife while she is staying in Dr. Franz Gregorovius's clinic in Zurich, but he has an affair on the French Riviera with the star of *Daddy's Girl*, Rosemary Hoyt. For 10 points, name this novel ending when Nicole Warren divorces Dick Diver, written by F. Scott Fitzgerald.

ANSWER: **Tender Is the Night**

079-11-30-07112

12. Conivaptan and Tolvaptan are recently approved receptor antagonists of this compound, a derivative of which is used to treat uremic platelet dysfunction. Small-cell lung carcinoma often secretes this hormone inappropriately, which leads to euvolemic hyponatremia. In pigs, this hormone contains a lysine at the 8th position rather than an arginine, and it is under-secreted in central diabetes insipidus. This hormone works by inserting additional aquaporins into the membrane of the distal convoluted tubule and collecting duct. This hormone, which like oxytocin is secreted by the posterior pituitary gland, is responsible for staving off dehydration. For 10 points, name this hormone which is responsible for signaling the kidneys to retain water.

ANSWER: **anti-diuretic hormone** [or **ADH**; or **Vasopressin**]

048-11-30-07113

13. In medieval Japan, this branch of thought was concerned with the concepts of *sabi* and *yugen*, which is discussed with Ki no Tsurayuki. Gianni Vattimo was made a Professor of this discipline and discussed its relation to truth. One work in this discipline by Martin Heidegger analyzes its relation to the hermeneutic circle by discussing a pair of shoes. John Dewey posited that the central concept of this philosophical area of thought should be treated as "experience." For 10 points, identify this field of philosophy that analyzes the ideal and beauty of works of art.

ANSWER: **aesthetics** [or equivalents that convey the **study of art**]

033-11-30-07114

14. In one of this artist's works, Adam and Eve hold up chalices to collect Jesus's blood on the cross. That is *Dogma of the Redemption*, which is a part of his *Triumph of Religion* mural cycle in the Boston Public Library. This man produced the official presidential portrait of Theodore Roosevelt. Several men sit against the wall playing guitar while a gypsy dances in his *El Jaleo*. This artist depicted two young girls with Chinese lanterns surrounded by flowers, and created another painting featuring Virginie Amélie Avegno Gautreau. The former painting is *Carnation, Lily, Lily, Rose*. For 10 points, name this artist of *Portrait of Madame X*.

ANSWER: John Singer **Sargent**

001-11-30-07115

15. While in the United States, this man was employed by the inventor Antonio Meucci. Early in his life, this man led the sack of a city during the Anglo-French blockade of the Río de la Plata, and also supported the rebels in the War of the Farrapos. He also led the Army of the Vosges in the Franco-Prussian War. He was victorious at the Battle of Volturnus, allowing him to defeat the Kingdom of the Two Sicilies as part of his Expedition of the Thousand. For 10 points, name this commander of the Redshirts, a leader of Italian unification.

ANSWER: Giuseppe **Garibaldi**

024-11-30-07116

16. One method of removing this functional group involves reacting it with a potassium xanthate followed by an elimination. Besides the undergoing the Chugaev elimination, this functional group is protected by dihydropyran. Zinc chloride is used to test for their presence in the Lucas test. The Collins reagent and Jones reagent are commonly used to oxidize this functional group, and solutions of a compound of this element are used in SN1 solvolysis reactions. These compounds have higher boiling points than their corresponding thiols, and they exhibit a broad peak around 3300 inverse centimeters on IR spectroscopy. This functional group contains a carbon and a hydrogen both single bonded to an oxygen. For 10 points, name this functional group found in ethanol.

ANSWER: **alcohol** [or **hydroxyl**]

048-11-30-07117

17. A fight between The Gimp and Justo takes place in this author's short story "The Challenge." A novel by this author sees Bonifacia take up prostitution to support Josefino, while Don Anselmo builds the title jungle brothel. In another of his novels, a dogcatcher named Ambrosio and a journalist named Santiago discuss at length the rule of Manuel Odria. In one of his best known novels, one of the characters works at Radio Panamerica and the even numbered chapters consist of soap operas written by Pedro Camacho. The author of *Conversation in the Cathedral* and *The War at the End of the World*, for 10 points, name this novelist behind *Aunt Julia and the Scriptwriter*, a Nobel-winning author from Peru.

ANSWER: Mario **Vargas Llosa** [or Jorge Mario Pedro Vargas Llosa, 1st Marquis of Vargas Llosa]

094-11-30-07118

18. In 1954, Khalid Bakdash of this country became the first Communist elected to the legislative body of an Arab nation. Short-lived military leaders of this country included Sami al-Hinnawi and Husni al-Za'im, the so-called "Colonels" who overthrew National Party leader Shukri al-Quwatli. Michel Aflaq co-founded one political party in this country. The French tried to divide this nation between its two largest ethnic groups, the Alawites and the Druze. It's not Iraq, but the Ba'th party has held power in this country. In the Six Day War, it lost control of the Golan Heights. Ruled for three decades by Hafez al-Assad, for 10 points, name this country with capital at Damascus.

ANSWER: **Syrian** Arab Republic [or Al Jumhuriyah al Arabiyah as **Suriyah**]

094-11-30-07119

19. In one traditional rite that takes place on this holiday, men defend themselves with shields as women from Radha attack them with staves. It also includes a "swing festival" in which songs are sung while images of gods are swung around on moving platforms. One rite performed during this holiday commemorates the loyalty and miraculous fire resistance of Prahlada at the hands of Hiranyakashipu, who is killed by the Visnu lion-man avatar Narasimha. That rite is the burning of massive bonfires early in the morning. On this main day of this holiday, celebrants throw colored water and colored powder on each other. For 10 points, name this festive spring Hindu holiday.

ANSWER: **Holi**

015-11-30-07120

20. This author wrote a book about a painter who studies under Jacques David before ordering the Death of his Friend Maurice Brotteaux as a member of the Grand Tribunal during the Reign of Terror. In addition to that novel about Evariste Gamelin, he wrote about a monk's efforts to convert the title Egyptian courtesan to Christianity in a novel that inspired a Massenet opera. This author of the *The Gods Are Athirst* wrote a book about a man who travels to Italy to buy a rare book from Signor Polizzi only to learn the book was sent to Paris, while another novel sees the monk Mael baptize a society of the title creatures living at the North Pole. For 10 points, name this French author of *The Crime of Sylvestre Bonnard* and *Penguin Island*.

ANSWER: Anatole **France**

015-11-30-07121

21. This book uses the metaphor of constructing a jigsaw puzzle where all of the pieces not only make a picture, but also fit perfectly together, as an illustration of the title process. This book later asserts that most view the title process as the addition of bricks to a building, lending it a certain "invisibility." Watkins, Toulmin, Lakatos, Feyerabend, and Popper held a symposium specifically to criticize this book, which explains that the individuals who argue from the standpoint of before and after the title process end up talking past one another. Its author uses the mixture of water and alcohol, atomic theory, and the Copernican hypothesis to illustrate the title process, which results in paradigm shifts. For 10 points, name this book about the history of science, written by Thomas Kuhn.

ANSWER: *The **Structure of Scientific Revolutions***

020-11-30-07122

22. In one of this author's works a woman has a dream of her lover holding a dagger over her husband's throat. In that play the Roman Governor Felix sentences the title Armenian nobleman to death after he marries Pauline and converts to Christianity. This author wrote a play in which the magician Alcandre helps Pridamant solve the disappearance of his son Clindor. The primary conflict of his most famous play is triggered when one character slaps an older man because he was selected as the royal tutor. This author of *Polyeucte* and *The Comic Illusion* wrote of a noble whose assassination attempt is forgiven by Emperor Augustus in *Cinna*. He is best known for a work about a knight who falls in love with Chimene after killing her father Don Gomes. For 10 points, name this French dramatist of *Le Cid*.

ANSWER: Pierre **Corneille**

015-11-30-07123

23. When this man visited Ireland for the first time, he was accompanied by Theobald Walter, who was named Butler of Ireland. With the King of France, he signed the Treaty of Le Goulet. He left his first wife so he could marry Isabella of Angoulême. His disagreement with the appointment of Stephen Langton led Innocent III to excommunicate him. He died in the middle of the First Barons' War, which resulted from his refusal to abide by an agreement he had sealed at Runnymede in 1215. For 10 points, name this King of England from 1199 to 1216, who was forced to sign the Magna Carta.

ANSWER: **John** Lackland

024-11-30-07124

1. This order was founded by Gerard after the First Crusade, about a century before the Knights Templar.
For 10 points each:

[10] Name this order of knights which was originally founded to heal injured pilgrims.

ANSWER: Knights **Hospitaller** [accept **Knights of Malta**, but do not read this answer aloud]

[10] In 1530, the Knights Hospitaller settled on this island, where they remained until Napoleon captured it in 1798. They founded its capital of Valletta.

ANSWER: **Malta**

[10] Malta was to be restored to the Knights Hospitaller under the terms of this 1802 treaty, which was signed by Joseph Bonaparte and the Marquess Cornwallis.

ANSWER: Treaty of **Amiens**

024-11-30-07201

2. Early in his career, this one-time Freud disciple outlined various examples of the Oedipus Complex in *The Incest Motif in Poetry and Saga*. For 10 points each:

[10] Identify this psychologist who advocated setting time limits on therapy and concentrating on the “here and now” in his work, *Will Therapy*.

ANSWER: Otto **Rank**

[10] Otto Rank is probably best known for a work on the trauma of this process, which he claimed to be the “ultimate biological basis of the physical.” Midwives often assist this process.

ANSWER: **Birth**

[10] In this work, Rank explored the origins of figures like Jesus, Romulus and Hercules from a psychological point of view. Topics explored in this work include the practice of exposing infants to the elements in the hopes of killing them.

ANSWER: *The **Myth of the Birth of the Hero**: A Psychological Interpretation of Mythology*

094-11-30-07202

3. Zhuge Liang is commanded to produce one-hundred thousand arrows in this novel, whose events are set into motion by the Yellow Turban Rebellion. For 10 points each:

[10] Name this novel in which Liu Bei defeats Cao Cao at the Battle of the Red Cliffs.

ANSWER: ***Romance of the Three Kingdoms*** [or ***Sanguozhi Yanyi***]

[10] *Romance of the Three Kingdoms* is the first of this country’s Four Great Classical Novels.

ANSWER: **China**

[10] This novel was one of the Four Great Classical Novels until it was replaced by *Dream of the Red Chamber*. It details seventy-two sexual encounters of the lecherous Ximen Qing.

ANSWER: *The **Plum in the Golden Vase*** [or *The **Golden Lotus***; or ***Jin Ping Mei***]

079-11-30-07203

4. It was expanded by the 1906 Burke Act. For 10 points each:

[10] Name this 1887 federal law that parcelled land held by Native Americans into lots given privately to individual Indians.

ANSWER: **Dawes** Severalty Act [or **Dawes** General Allotment Act]

[10] The Dawes act explicitly did not apply to this group of Indians, which included the Cherokee, Seminole, Creek, Choctaw, and Chickasaw. This collective name refers to the perception of these tribes' societies by whites.

ANSWER: the **Five Civilized Tribes**

[10] Another Dawes, Calvin Coolidge's Vice-President Charles Dawes, sponsored a namesake plan to relieve German World War I debt. That plan was replaced by this less onerous system, proposed by the founder of RCA in 1929.

ANSWER: **Young** Plan

019-11-30-07204

5. This song is often mistaken for the "Sull'aria" from *The Marriage of Figaro*. For 10 points each:

[10] Name this song also known as "Sous le dôme épais," which is sung by the side of a river by Mallika and the daughter of Nilakantha.

ANSWER: **Flower Duet**

[10] The *Flower Duet* opens this late nineteenth century French composer's opera *Lakme*.

ANSWER: Leo **Delibes**

[10] Lakme's "Bell Song" is a prominent piece for the coloratura type of this female singing voice. Famous singers with this voice include Beverly Sills and Maria Callas.

ANSWER: **sopranos**

004-11-30-07205

6. This character allows himself to be convicted of the murder of Sister Dorothea, although he did not kill her. For 10 points each:

[10] Name this protagonist who can shatter glass with his voice and stopped growing at the age of three.

ANSWER: **Oskar** Matzerath [or Oskar **Matzerath**]

[10] Oskar Matzerath is the protagonist of this German author's novel *The Tin Drum*, which is the first novel in his Danzig Trilogy.

ANSWER: Günter Wilhelm **Grass**

[10] *The Tin Drum* features a cellar where people go to relieve themselves of painful memories, with the aid of these vegetables. The first volume of Grass's memoir is also titled for this vegetable.

ANSWER: **onions**

024-11-30-07206

7. This is denoted for infinite sets by Aleph numbers. For 10 points each:

[10] Name this measure of the size of a set. For example this is seven for the days of the week.

ANSWER: **cardinality**

[10] This German mathematician showed that the cardinalities of the natural numbers and real numbers are not the same through his diagonalization argument.

ANSWER: Georg **Cantor**

[10] As a consequence of the completeness theorem, the reals have this property that for any two positive real numbers e and b , there is a non-zero natural number n such that e times e is greater than b . Since this excludes infinitesimals, this does not apply to the hyperreals.

ANSWER: **Archimedean** property [or **Principle of Archimedes**; or **Eudoxus** principle; accept pretty much any answer referencing Archimedes or Eudoxus]

033-11-30-07207

8. Fought in France in 1916, it saw a young Adolf Hitler take a bullet to the groin. For 10 points each:
[10] Name this rather bloody World War I battle that was a tactical victory for Allied commanders Douglas Haig and Ferdinand Foch.

ANSWER: Battle of the **Somme**

[10] The Battle of the Somme saw the deployment of Mark I, the first of these vehicles with rotating gun turrets. The Germans called them panzer.

ANSWER: **tanks**

[10] The tanks forced the Germans to retreat past this strategic line.

ANSWER: **Hindenburg** line

079-11-30-07208

9. The frame dragging and geodetic effects predicted by this theory were upheld by Gravity Probe B. For 10 points each:

[10] Name this theory of gravity proposed by Einstein after he proposed his special theory.

ANSWER: **general relativity**

[10] This solution to the Einstein field equation describes the gravitational field of a static, symmetrical, spherical object. Consequently, it describes uncharged, non-rotating black holes.

ANSWER: **Schwarzschild** solution [or **Schwarzschild** metric]

[10] To deal with the singularity in the Schwarzschild solution at $r=2m$, one can change coordinates to get this locally inextendable extension to the Schwarzschild solution.

ANSWER: **Kruskal**-Szekeres extension [or **Kruskal**-Szekeres coordinates]

001-11-30-07209

10. Idealist philosopher J.M.E. McTaggart divided this concept into the A, B, and C "tracks" in an argument for its "unreality." For 10 points each:

[10] Name this concept, the explanation of which has divided philosophers into the "eternalist" and "presentist" schools.

ANSWER: **time** [accept no other answer]

[10] This philosopher paired time with "Being" in the title of a book that introduced the concept of "dasein."

ANSWER: Martin **Heidegger**

[10] Emmanuel Levinas paired time with this type of person in one of his books. Levinas defines an encounter with this type of person as a "primordial phenomenon of gentleness" that emphasizes both closeness and farness.

ANSWER: the "**other**" [accept no other answers]

026-11-30-07210

11. For 10 points each, answer the following about composers who left pieces unfinished.

[10] The Austrian composer's *Unfinished Symphony*, his eighth, is possibly the most famous unfinished symphony. He also composed the *Trout Quintet*.

ANSWER: Franz **Schubert**

[10] William Primrose commissioned this composer's unfinished viola concerto. He composed characteristic eerie "night music" for the third movement Adagio of his *Music for Strings, Percussion, and Celesta*.

ANSWER: Bela **Bartók**

[10] This composer used the chord C F sharp B flat E A D to compose a mammoth unfinished piece he intended to be seven days long. He wanted that piece to be performed at the foothills of the Himalayas, and believed it would cause the world to dissolve into sensory bliss.

ANSWER: Alexander **Scriabin**

052-11-30-07211

12. Identify the following about Roman involvement in Britain, for 10 points each.

[10] An arch erected by this Roman emperor claims that his troops were able to defeat 11 British kings without suffering a defeat. That campaign launched by this husband of Valeria Messalina saw fighting at Medway against people like Caratacus.

ANSWER: **Claudius** [or Tiberius **Claudius** Caesar Augustus Germanicus]

[10] This wife of Prasutagus and queen of the Iceni launched a revolt against Rome in East Anglia in 60 CE.

ANSWER: **Boudicca** [or **Boadicea** or **Boudica**]

[10] One of the chief sources for Boudicca's revolt comes from this Roman historian's *Romaika*, a text written in Greek originally consisting of 80 books.

ANSWER: **Dio** Cassius [or Cassius **Dio** or **Dion** Cassius or **Dio** Cocceianus or Lucius Cassius **Dio**]

094-11-30-07212

13. Thrombosis is a disorder affecting this process which is regulated in part by von Willebrand's factor.

For 10 points each:

[10] Name this process of blood clotting.

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

[10] Coagulation can be inhibited by this molecule. A glycosaminoglycan, it has the highest charge density of any biological molecule. Low-molecular weight versions like Lovenox are often preferred.

ANSWER: **heparin**

[10] Heparin manufactured in China was found to have been contaminated with this compound consisting of alternating glucuronic acid and N-acetylgalactosamine groups. Found in a sulfated form, it is a major component of cartilage where it absorbs shock.

ANSWER: **chondroitin** sulfate

064-11-30-07213

14. Name these cities of Washington state, for 10 points each.

[10] This largest city in Washington is located on a isthmus between the Puget Sound and Lake Washington.

ANSWER: **Seattle**

[10] This Puget sound city near Mount Rainier is the third largest in the state after Spokane. It was home to a 1940 bridge that lasted four months before collapsing in a textbook example of forced resonance.

ANSWER: **Tacoma**

[10] This city in the southwest forms a metro-area with Portland. It has often entertained resolutions to change its name due its larger neighbor to the north.

ANSWER: **Vancouver**

015-11-30-07214

15. The end of this work urges Christ to save us from a death "On the reef of Norman Woe's". For 10 points each:

[10] Name this poem that tells of a captain who brings his daughter aboard, only to have her killed in a massive storm.

ANSWER: "The **Wreck of the Hesperus**"

[10] In this other poem written by the author of "The Wreck of the Hesperus," the title figure produces sounds like a sexton ringing a bell as he works "under a spreading chestnut-tree".

ANSWER: "The **Village Blacksmith**"

[10] Name this American poet who wrote both "The Wreck of the Hesperus" and "The Village Blacksmith" in addition to *Evangeline*.

ANSWER: Henry Wadsworth **Longfellow**

064-11-30-07215

16. This leader came to power after junta leader Robert Guei barred all opposition leaders from running against him. For 10 points each:

[10] Name this world leader who refused to step down after Alassane Ouattara defeated him in a November 2010 presidential election.

ANSWER: Laurent Koudou **Gbagbo** (BOG-boe)

[10] Gbagbo's succession crisis rocked this West African nation, a former French colony.

ANSWER: **Ivory Coast** [or **Côte d'Ivoire**]

[10] One of Gbagbo's crowning achievements as president was to talk this Chelsea superstar into returning to the Ivorian national soccer team.

ANSWER: Didier Yves **Drogba** Tébily

026-11-30-07216

17. This place is home to a group of people known as "politricksters." For 10 points each:

[10] Name this place, whose name references the Book of Revelation, also naming a term for those who do not believe in Jah.

ANSWER: **Babylon**

[10] Inhabitants of Babylon are opponents of this religion, which reveres Haile Selassie and sings the praises of marijuana use.

ANSWER: **Rastafarianism**

[10] Rastafarians use this term to describe their diet, whose tenets generally include avoiding pork and eating fresh food.

ANSWER: **Ital** (EYE-tall) [or **I-tal**; or **Di food fula itality**]

026-11-30-07217

18. A mathematical problem involves making this piece hit each square of the chessboard exactly once. For 10 points each:

[10] Name the only chess piece that can jump over other pieces.

ANSWER: **knight**

[10] In this chess move, a pawn which moves two spaces forward alongside another pawn can be captured by that pawn.

ANSWER: **En passant**

[10] In chess, a draw is achieved either by stalemate, the fifty move rule, or a when the same position is repeated this many times.

ANSWER: **three**

015-11-30-07218

19. Some have proposed using the $178^{\text{m}2}$ one of hafnium as a power source or weapon. For 10 points each:

[10] Name these metastable excitations of a nucleus.

ANSWER: nuclear **isomer**

[10] In a very different type of isomerism, if two identical substituents are on opposite sides of a double bond they have this relationship as opposed to cis.

ANSWER: **trans**

[10] Since cis and trans are not as easily applicable when more than two types of substituents are around a double bond, a notation using these two letters is used.

ANSWER: **EZ** [accept either order; or **Entgegen** and **Zusammen**]

001-11-30-07219

20. She wrote a historical novel supposing Perkin Warbeck to really have been Richard of Shrewsbury. For 10 points each:

[10] Identify this author of *Lodore* and *The Last Man*, best known for a work containing characters like the ultimately strangled Elizabeth Lavenza.

ANSWER: Mary **Shelley** [or Mary Wollstonecraft **Godwin**]

[10] Mary Shelley is best known for this work, wherein the title character sees his friend Henry Clerval killed by the creature he has created because he refuses to create a female companion for that creature.

ANSWER: **Frankenstein: Or, the Modern Prometheus**

[10] *Frankenstein* opens with this character writing letters to his sister Margaret about discovering Victor Frankenstein chasing his monster across the ice at the North Pole.

ANSWER: **Robert Walton** [accept either underlined answer]

094-11-30-07220

21. Supporters of this movement were encouraged by the Churchill White Paper and the Balfour Declaration. For 10 points each:

[10] Name this movement that supported the establishment of a Jewish homeland.

ANSWER: **Zionism**

[10] This Hungarian born Jew was known as the “Father of Zionism” for his work with the movement, which included publishing the pamphlet *The Jewish State*.

ANSWER: Theodor **Herzl**

[10] The Zionist view of Israel as a homeland for all Jews is supported by this law, which gives any descendent of Jews the right to move to Israel and gain citizenship.

ANSWER: **Law of Return**

015-11-30-07221