1. A short-lived communist republic was declared in this now defunct nation after it was invaded by Bela Kun. This country was home to the Charter 77 to protect against rights violations after one leader in this former nation declared the creation of “socialism with a human face.” Alexander Dubcek [DOOB-CHECK] was forced out of office after a Soviet invasion of this country. This nation was forced to give up the Sudetenland to Germany. Split in two by the Velvet divorce, for 10 points, name this former nation which was home to the “Prague Spring” movement.
ANSWER: **Czechoslovakia** [or **Ceskoslovensko**; prompt on **Czech Republic**; prompt on **Slovakia**]

027-09-1-08101

2. This composer wrote a song cycle that includes the piece "Die alten, bosen Lieder." He also included the song "Ich grolle nicht" in that work, *Dichterliebe*. This composer of the *Fantasy in C* included the section "Traumerei" in his *Scenes from Childhood*. He was inspired by the Archbishop of Cologne's elevation to cardinal to write a five-movement symphony that depicts a certain river valley. His wife Clara premiered his only Piano Concerto. For 10 points, name this German composer of the *Rhenish* and *Spring* symphonies.
ANSWER: Robert Alexander **Schumann**

026-09-1-08102

3. Enrico Fermi proposed that an atom's preferred mode of beta decay depends on whether it has too many or too few of these particles, which are often ejected during spontaneous fission. Carbon-14 dating makes use of the decay of one of these particles, which consists of one up and two down quarks. The number of them in the nucleus is equal to the difference between atomic mass and atomic number. For 10 points, name these particles discovered by James Chadwick, which are slightly heavier than protons and electrically neutral.
ANSWER: **neutron**s

003-09-1-08103

4. This poet wrote about Identity, "the Man," and "the City" in his five-book epic about the New Jersey town *Paterson*. He's not W.H. Auden, but he used short stanzas to describe *Landscape with the Fall of Icarus* in his "Pictures from Breughel." He writes "they were delicious/so sweet/and so cold" as his excuse for eating someone else's plums in "This Is Just To Say." His best-known poem is about an object "glazed with rainwater beside the white chickens," and opens with the line "so much depends on." For 10 points, name this poet who wrote "The Red Wheelbarrow."
ANSWER: William Carlos **Williams**

045-09-1-08104

5. This device breaks up tasks into several stages; the first two, fetch and decode, are executed in parallel using a pipeline. Moore's Law describes the number of transistors that can fit on one die. The von Neumann bottleneck occurs because information must travel between the memory and this part of the computer. This device contains an arithmetic logic unit and one or more caches to store instructions and/or data. For 10 points, name these devices that are responsible for doing most of the computing on a computer.
ANSWER: **CPU**s [or **central processing unit**s]

003-09-1-08105

6. This ruler signed the Treaty of Messina with Tancred of Sicily. This man invaded Cyprus to rescue his betrothed, Berengaria of Navarre. While ruling as Duke of Aquitaine, this man twice revolted against his father, once with the assistance of Philip Augustus of France. This man signed a treaty with Saladin when he joined Philip and Frederick Barbarossa in leading the Third Crusade. While imprisoned in Austria, this man's throne was usurped by his younger brother, John Lackland. For 10 points, name this son of Henry II known as "the lionheart."
ANSWER: **Richard I** [or **Richard** the **Lionheart**ed before it is read; prompt on **Richard**]

028-09-1-08106

7. This man led his forces from Gilboah to prevent his enemies from taking the Valley of Jezreel. He ordered the murder of eight-five priests of Nob. The taking of his concubine Ripzah led to his son Ihbosheth (IB-oh-sheth) breaking ties with Abner. This man lost the support of a prophet, whose ghost he had conjured by the Witch of Endor. He tried to kill the son of Jesse who had killed the Philistine Goliath. He was first anointed, then rebuked, by the prophet Samuel. For 10 points, name this ruler who was succeeded by David after becoming the first king of the Israelites.
ANSWER: King **Saul** [or **Sha'ul**]

027-09-1-08107

8. This author wrote about Gurov's affair with Anna von Diederitz, who he meets in Yala, in his "Lady with a Lapdog." One play by this author opens with a play performed by Nina, who is shown the title animal by Konstantin Trepylov. One play by this author involves a duel where Solyony kills Tuzenbach, who loved Irina, Vershinin's affair with Masha, and Olga's headmistress position. This author of *The Seagull* and *Three Sisters* wrote a play about Lopakhin's plan to save the title property belonging to the Ranevskayas, which is cut down anyway. For 10 points, name this Russian author of *Uncle Vanya* and *The Cherry Orchard.*
ANSWER: Anton Pavlovich **Chekhov**

026-09-1-08108

9. This function is the imaginary part of Euler's formula, and its hyperbolic version is equal to one-half of the quantity "*e* to the *x* minus *e* to the negative *x*." This function's namesake law states that the ratio of this function of one angle to the length of the side opposite that angle is equal for all three angles, and its multiplicative inverse is the cosecant function. For 10 points, name this trigonometric function, which in a right triangle is equal to the opposite over the hypotenuse.
ANSWER: **sin**e

025-09-1-08109

10. This country contains the mouth of the Mahanad River in its Orissa state. Port Blair is the capital of the Andaman Islands in this country. This country contains the Thar desert. Although it does not have a Muslim majority, this nation has the largest Muslim population in the world, and even more Muslims lived in this country before it was partitioned. That partition has led to a conflict over whether it or Pakistan controls Kashmir. For 10 points, name this country in which the Ganges runs through Calcutta, whose other countries include New Delhi and Bombay.
ANSWER: Republic of **India** [or **Bharat**]

027-09-1-08110

1. This author wrote about Gilliat's pursuit of Deruchette after Lethierry's marooning on Guernsey in *The Toilers of the Sea*. In another of his works, the goat Djali spells the name of Captain Phoebus, and the title character kills the Frollo brothers. This author wrote about Gavroche, a boy who gets killed picking up ammunition and is the son of the Thenardiers, in a work about Cosette, Inspector Javert, and Jean Valjean. This author also wrote a novel about the gypsy Esmeralda and the deformed Quasimodo. For 10 points, name this French author of *Les Miserables* and *The Hunchback of Notre Dame.*
ANSWER: Victor Marie **Hugo**

020-09-1-08111

BONUS. Gustav Klimt painted this biblical figure partially nude and laden with gold. For 10 points each:
[10] Name this woman whom Artemisia Gentileschi painted as a self portrait. Many depictions of her show her killing Holofernes.
ANSWER: **Judith**
[10] Gentileschi's version of *Judith Beheading Holofernes* was inspired by the version painted by this man, who also painted *The Supper at Emmaus* and *The Calling of St. Matthew.*
ANSWER: **Caravaggio** [or Michelangelo **Merisi**]
[10] Caravaggio painted this man in red, having just fallen off his horse while traveling to Damascus, in *The Conversion of* this man.
ANSWER: Saint **Paul** [or **Saul** of Tarsus]

027-09-1-08201

2. Along with some Paiute Indians, members of this group murdered the Fancher-Baker party in the Mountain Meadows Massacre. This group moved west after a failed settlement at Nauvoo in Illinois. It attempted to create the state of Deseret, but its marital practices delayed that settlement's bid for statehood until 1896. This group was led by Brigham Young to the state of Utah. For 10 points, name this religious group which once practiced polygamy, and which was founded when Joseph Smith was shown some golden plates.
ANSWER: **Mormon**s [or Church of **Mormon** members; or Church of Jesus Christ of **Latter-day Saints** members; or equivalents]

023-09-1-08112

BONUS. This organization was controlled by the group Angka, whose members included men like Ta Mok, called the "butcher." For 10 points each:
[10] Name this group led by "Brother Number One," also known as Pol Pot, which aimed to make peasants out of the populace it ruled.
ANSWER: **Khmer Rouge**
[10] The Khmer Rouge controlled this country for four years after overthrowing the government of Lon Nol and which gained independence from France under King Sihanouk.
ANSWER: Kingdom of **Cambodia** [or **Kampuchea**]
[10] During this war, Cambodia was secretly bombed by the United States under Operation Menu, as ordered by Richard Nixon.
ANSWER: **Vietnam** War

023-09-1-08202

3. Less common varieties of this type of rock include oolite and coqina. Karst topography landscapes are primarily made of this rock or a similar rock with a magnesium component, dolomite. Sinkholes form when these rocks are eroded away by carbonic acid in underground water systems. Often formed by deposits left behind from shelled marine organisms, orogenic (or-AH-gen-ic) events can metamorphise these rocks into marble. For 10 points, name these sedimentary rocks made from calcite, such as chalk.
ANSWER: **limestone**

001-09-1-08113

BONUS. This property can cause a material to develop a Rollin film. For 10 points each:
[10] Name this property, defined as the internal loss of viscosity. It can cause certain materials to do unexpected things, such as creep up the walls of a container.
ANSWER: **superfluid**ity
[10] Superfluidity is most often observed in isotopes of this element, the lightest noble gas.
ANSWER: **helium** [or **He**]
[10] Onsager and this physicist demonstrated the role of vorticity in superfluids. This Caltech physicist developed quantum electrodynamics and the path integral formulation of quantum mechanics.
ANSWER: Richard Phillips **Feynman**

026-09-1-08203

4. The image of a Beadsman praying in the cold opens one of this author's works, in which Angela helps Porphyro elope with his love Madeline. The speaker of one poem by this author of "The Eve of St. Agnes" "saw pale kings, and princes too" who warn him about the danger of "La Belle Dame sans Merci." He noted "thou was not born for death, immortal Bird" in one poem, while another of his poems apostrophizes a "still-unravish'd bride of quietness" and notes that "Beauty is truth, truth beauty". For 10 points, name this author of "Ode to a Nightingale" and "Ode on a Grecian Urn".
ANSWER: John **Keats** [accept "The **Eve of St. Agnes**" before "this author" is read]

029-09-1-08114

BONUS. This ballet centers on the prince Ivan, who falls in love with a woman held captive in the ogre Katschei's (CAT-shay) castle. For 10 points each:
[10] Name this ballet that also includes Ivan taking a feather from the title creature, which later returns and tells Ivan how to defeat Katschei.
ANSWER: *The* ***Firebird*** [or ***L'Oiseau de Feu***]
[10] This man composed the music to *The Firebird*, as well as composing music for a ballet about a puppet that comes to life, *Petrushka*.
ANSWER: Igor Fyodorovich **Stravinsky**
[10] This ballet with music by Stravinsky caused a riot at its premiere due to its discordant sounds and depiction of pagans on the stage. Nijinsky was its choreographer, and it has a section entitled "The Adoration of the Earth."
ANSWER: *The* ***Rite of Spring*** [or *Le* ***Sacre du Printemps***]

023-09-1-08204

5. This man wrote a "Letter from Jamaica" while in exile there, and described the failure of the First Republic in his *Cartagena Manifesto*. This man won victories at Boyaca and Carabobo, but it was his lieutenant, Antonio Jose de Sucre, who won the final victory at Ayacucho, securing independence for Peru. This man wrote the constitution and served as president-for-life of Upper Peru, which was renamed in this man's honor. For 10 points, name this South American hero, known as El Libertador, or The Liberator.
ANSWER: Simon (Jose' Antonio de la Santisima Trinidad) **Bolivar** (y Palacios)

003-09-1-08115

BONUS. It is the most abundant protein in vertebrates. For 10 points each:
[10] Name this triple-helical, glycine-rich protein that is heavily present in connective tissue, including bone and skin.
ANSWER: **collagen**
[10] The proteins actin and myosin make up sarcomeres which, are the functional units of this contractile tissue that comes in cardiac, smooth, and skeletal types.
ANSWER: **muscle** tissue
[10] This other protein is found in the hard, unmineralized structures found in several animals, such as hair, nails, claws, and beaks.
ANSWER: **keratin**

032-09-1-08205

6. This author wrote a poem that ends with the question "How can we know the dancer from the dance?" This author collected "Among School Children" in *The Tower* and described "the loosening thighs" of a mythological figure. This author of "Leda and the Swan" wrote a poem which describes "such a form as Grecian goldsmiths make, compares "an aged man" to "a tattered coat upon a stick," and states "that is no country for old men." This poet of "Sailing to Byzantium" ends another poem with a "rough beast" that "slouches towards Bethlehem to be born," and describes "things fall[ing] apart." For 10 points, name this Irish poet of "The Second Coming."
ANSWER: William Butler **Yeats**

026-09-1-08116

BONUS. After Antanas drowns in the muddy street, the central character of this novel falls into a life of crime with Jack Duane before becoming a Socialist. For 10 points each:
[10] Name this 1906 novel of the Chicago meat-packing industry, whose hapless main character is Lithuanian immigrant Jurgis Rudkis.
ANSWER: *The* ***Jungle***
[10] This activist author of the Lanny Budd series and *King Coal* wrote *The Jungle*.
ANSWER: Upton **Sinclair**
[10] Sinclair fictionalized the Teapot Dome affair in this novel about Bunny Ross, which inspired the film *There Will Be Blood*.
ANSWER: ***Oil****!*

019-09-1-08206

7. This character screams "I'm losing my perspicacity!" after coming up with only two synonyms for "relax" during a teachers' strike. Earlier, she takes pity on a classmate and delivers a valentine that says "I choo-choo-choose you." She converted to Buddhism in 2001 after becoming disenchanted with church renovations, six years after becoming a vegetarian. This eight-year-old student of Miss Hoover has been voiced since 1987 by Yeardley (YARD-lee) Smith. For 10 points, name this middle child, the elder sister of Maggie and younger sister of Bart.
ANSWER: **Lisa** Marie Simpson [prompt on **Simpson**]

019-09-1-08117

BONUS. This type of conditioning contrasts with operant conditioning. For 10 points each:
[10] Name this type of conditioning in which a reflex response, such as salivation, is made to occur in reaction to a previously neutral stimulus.
ANSWER: **classical** conditioning [accept **respondent** conditioning; prompt on **Pavlov**ian conditioning]
[10] This psychologist first demonstrated classical conditioning through training dogs to salivate when a bell was rung.
ANSWER: Ivan **Pavlov**
[10] This is the term for the stimulus that initially provokes the reflex response before its association with the previously neutral stimulus.
ANSWER: **unconditioned** stimulus [or **unconditional** stimulus; or **US**]

005-09-1-08207

8. Kupffer cells in this organ break down red blood cells. This organ is the site of hemoglobin metabolism into bilirubin, and the gluconeogenesis pathway occurs here. Blood drained from the gastrointestinal tract enters this organ through the hepatic portal vein. The gallbladder stores bile produced in this organ. Chronic infection with hepatitis C, or chronic alcohol use, can cause cirrhosis, a disease of this organ. For 10 points, name this largest internal organ and largest gland of the body, which serves to detoxify the blood.
ANSWER: **liver**

022-09-1-08118

BONUS. This man worked against Arianism by organizing the First Council of Nicaea. For 10 points each:
[10] Name this ruler who supposedly converted to Christianity after seeing a flaming cross in the sky before the Battle of the Milvian Bridge.
ANSWER: **Constantine the Great** [or **Constantine I**; or Flavius Valerius **Constantinus**]
[10] Constantine the Great was a ruler of this empire, whose earlier rulers included Marcus Aurelius and Augustus.
ANSWER: **Roman** Empire [or **Rome**]
[10] Along with Licinius, Constantine the Great issued an edict from this Italian city that granted religious freedom in the Roman Empire.
ANSWER: **Milan** [or Edict of **Milan**]

023-09-1-08208

9. While living in Rheinsberg Castle, this ruler spent much of his time in correspondence with Voltaire, whom this man later invited to visit him in his Sanssouci Palace. This man fled a battle his troops eventually won under Schwerin at Mollwitz. That battle occurred after this ruler invaded Silesia in a breach of the Pragmatic Sanction. For 10 points, name this ruler who fought in both the War of the Austrian Succession and the Seven Years' War against Maria Theresa, a Hohenzollern who expanded the size and power of Prussia.
ANSWER: **Frederick the Great** [or **Frederick II** of Prussia; or **Friedrich der Grosse**; or **Friedrich II**; prompt on **Frederick**; prompt on **Friedrich**]

023-09-1-08119

BONUS. Name these Hindu deities, for 10 points each.
[10] This Hindu creator deity is rarely worshiped, but does make up a third of the Trimurthi. His wife is Saraswati.
ANSWER: **Brahma**
[10] This destructive member of the Trimurthi is commemorated by the lingam at the back of temples dedicated to him. He also manifests himself as Nataraja, the lord of the dance.
ANSWER: **Shiva** [or **Rudra**]
[10] This Hindu god of fire licks ceremonial butter off of his face with his seven tongues.
ANSWER: **Agni**

026-09-1-08209

10. This figure was told how to pass Helios's cattle when he visited Tiresias (tie-REE-see-us) in the underworld; there, this figure also saw his own mother, Anticlea (an-tih-CLAY-uh). Hermes demanded the release of this figure from a nymph on Ogygia (oh-JIH-jee-uh). This man angered Poseidon when he blinded Poseidon's Cyclops son, Polyphemus (pah-LIH-fih-mus). He fought against his wife Penelope's suitors alongside his son Telemachus. For 10 points, name this Greek hero, who was held hostage by Calypso on his way home from the Trojan War, and is the namesake of an epic by Homer.
ANSWER: **Odysseus** [or **Ulysses**; accept **Ulixes** before "Poseidon" is read]

005-09-1-08120

BONUS. Name these countries from clues about their literature, for 10 points each.
[10] This nation is home to the author of *Midaq Alley* and the Cairo Trilogy, Naguib Mahfouz.
ANSWER: Arab Republic of **Egypt** [or Jumhuriyat **Misr** al-Arabiyah]
[10] This country is home to the short story author of "The Garden Party," Katherine Mansfield. Keri Hulme wrote about *The Bone People*, referring to this country's native Maori.
ANSWER: **New Zealand**
[10] The recent laureate Orhan Pamuk, who wrote *My Name is Red* and *Snow*, faced imprisonment for mentioning the Armenian Genocide in this country.
ANSWER: Republic of **Turkey** [or **Turkiye** Cumhuriyeti]

012-09-1-08210

1. [10] Name the actress who starred alongside Matthew McConaughey in *Failure to Launch* and played Carrie Bradshaw in the TV show and movie *Sex and the City*.
ANSWER: Sarah Jessica **Parker**

2. [10] This is a 20-second calculation question. Evaluate $3^4 - 4^3$.
ANSWER: **17**
3. [10] What Eugene O'Neill play features the character of Ephraim Cabot and his three sons Peter, Simeon, and Eben?
ANSWER: **Desire Under the Elms**
4. [10] Name the chemical element whose allotropes include fullerenes (FULL-uh-reens), graphite, diamonds, and lonsdaleite (LONZ-dayl-ite).
ANSWER: **carbon** [or **C**]
5. [10] This is a 10-second calculation question. Simplify (6x + 24)/(8x + 32).
ANSWER: **3/4**
6. [10] The Moho (MOW-hoe) Discontinuity is found at the top of what layer of the Earth, that lays between the core and the crust?
ANSWER: **mantle**
7. [10] Which Bantu language is the only one of African origin to be one of the official languages of the African Union?
ANSWER: **Swahili**
8. [10] What European country consists of territory on the Peninsula of Jutland and over four hundred islands including Zealand, Funen, and Bornholm?
ANSWER: Kingdom of **Denmark** [or Kongeriget **Danmark**]
9. [10] In July 2009, Javier (HAH-vee-air) Velasquez was named the prime minister of what South American country, once led by Alberto Fujimori?
ANSWER: Republic of **Peru** [or Republica del **Peru**]
10. [10] This is a 30-second calculation question. Find the period of the function y = 2 sin (3x - 4).
ANSWER: **2 pi/3** [accept **120 degrees**]

040-09-1-08401

1. [10] *Tides of Darkness*, *Reign of Chaos*, and *The Frozen Throne* are editions of what series of games created by Blizzard Entertainment?
ANSWER: ***Warcraft*** [do not accept "World of Warcraft"]
2. [10] This is a 30-second calculation question. Evaluate 6.3 times 19.8.
ANSWER: **124.74**
3. [10] How many lines are in a Shakespearean sonnet?
ANSWER: **fourteen**
4. [10] What term describes animals, such as the platypus and the echidna, that are mammals but lay eggs rather than giving live birth?
ANSWER: **monotreme**s
5. [10] This is a 10-second calculation question. Solve $x^2 - 5x + 6$.
ANSWER: **2 and 3** [both answers required]
6. [10] Name the man who, in addition to advocating replaceable parts in muskets, developed the cotton gin, a device that removes the seeds from the cotton fibers.
ANSWER: Eli **Whitney**
7. [10] Name the mannerist painting, by El Greco, that shows the Castle of San Servando and the contrast between the blue and white sky and the green and black hills.
ANSWER: ***View of Toledo***
8. [10] Which French utopian thinker imagined "phalanxes" of 1,620 people, because he believed that twelve types of passion led to 810 distinct personality types?
ANSWER: Charles **Fourier**
9. [10] Name the author of *The Audacity of Hope* and *Dreams From My Father* who was the first African-American president of the Harvard Law Review.
ANSWER: Barack Hussein **Obama** II
10. [10] This is a 20-second calculation question. If a coin is weighted so that it will fall heads 75% of the time when it is flipped, what is the expected number of tails in 15 flips?
ANSWER: **3.75** [or **3 3/4** or **15/4**]

040-09-1-08401

1. In one of this author's works, "Betsy from Kansas" and Doreen are guest editors, and crab meat gives a group food poisoning at a lunch for *Lady Day* magazine. One of this writer's poems ends "you bastard, I'm through" after stating "There's a stake through your fat black heart." In this author's only novel, Dr. Gordon and Dr. Nolan are psychiatrists at the mental institution of the main character, a college student named Esther Greenwood. For 10 points, name this poet of "Daddy" and author of *The Bell Jar*.
ANSWER: Sylvia **Plath**

012-09-1-08122

2. One failed plan of this man led to his being replaced by Liu Shaoqi, although this man later formulated another failed plan with Lin Biao. This man gained control of an army after the Battle of Xiang during the Long March, and this man sought to revitalize his party and increase his country's production in the Cultural Revolution and Great Leap Forward. Some quotations of this man were collected and given to all citizens in the form of the *Little Red Book*. For 10 points, name this man who was a longtime leader of the Communist Party in China.
ANSWER: **Mao** Zedong

023-09-1-08123

3. This painting hangs opposite a 1794 Thomas Lawrence painting in The Huntington. The seventeenth-century apparel of this painting's subject is an homage to Anthony van Dyck's portrait of Charles I. The dark sky in the background contrasts with the light face of the subject, who stands with his left arm at his waist and holds a feathered hat in his right hand. The subject is generally thought to be Jonathan Buttall, and is prominently dressed in the titular color. For 10 points, name this portrait by Thomas Gainsborough.
ANSWER: *The* ***Blue Boy***

024-09-1-08124

4. One allotrope of this element is often described as a truncated icosahedron, and was discovered by Curl, Kroto, and Smalley. Another allotrope of this element consists of a single layer of hexagonal rings. In addition to the buckminsterfullerene and graphene, this element also forms a three-dimensional lattice that is among the hardest structures known to man, and a soft conductor used in pencil lead. For 10 points, name this element whose allotropes include diamond and graphite.
ANSWER: **carbon** [or **C**]

027-09-1-08125

5. This author wrote about a character who serves as a fire lookout on Desolation Peak, who accompanies the Buddhist Japhy Ryder. In another novel by this author of *The Dharma Bums*, one character is called the "HOLY GOOF" just after taking a marijuana-filled trip to a Mexico City bordello, and Carlo Marx is visited with Bull Lee in Denver by the central characters, one of who takes on a job as night watchman for merchant sailors in San Francisco. Dean Moriarty and Sal Paradise travel across America by car in this man's best known novel. For 10 points, name this author of *On The Road*.
ANSWER: Jack **Kerouac** [or Jean Louis Lebris de **Kerouac**]

027-09-1-08126

6. Writers within this philosophical movement included the theorist of "reification" (RAY-if-ih-CAY-shun), Gyorgy Lukacs (jee-OR-jee LOO-kash). This school believes in a process that it calls "dialectical materialism." Another theorist of this movement stressed the need for a "vanguard" to bring about social change and wrote the article *Imperialism, the Highest Stage of Capitalism*. This school's concepts include the labor theory of value. For 10 points, name this political philosophy founded by the man who helped Frederich Engels write a certain Manifesto.
ANSWER: **Marxism** [or **communism**]

021-09-1-08127

7. This president was advised by Mary McLeod [MAC LLOYD] Bethune, who started a school for black students in Daytona Beach. The Supreme Court thwarted some of this man's plans in *U.S. v. Butler* and *Schechter v. U.S.*, which led to this man's "court-packing scheme." Members of this man's cabinet included Cordell Hull and Frances Perkins. Agencies begun by this man include the Tennessee Valley Authority and the Works Progress Administration. For 10 points, name this president who defeated Herbert Hoover in the election of 1932 and worked against the Great Depression with his New Deal.
ANSWER: **F**ranklin Delano **Roosevelt** [or **FDR**; prompt on **Roosevelt**]

023-09-1-08128

8. One novel written in this language is about the Syrian Nacib Saad, who romances Gabriela. Another novel written in this language is often titled *Epitaph for a Small Winner* and center on Bras Cubas posthumously telling his life story. This language originated in a country whose authors wrote *Blindness* and an epic about Bacchus and Neptune's attempt to stop a fleet from arriving in Calicut, India. That work, *The Lusiads*, was written in this language by Luis Camoens and fictionalized the journey of Vasco da Gama. For 10 points, name this language spoken in Brazil.
ANSWER: **Portuguese**

036-09-1-08129

9. One politician with this last name came in second during the 1968 New Hampshire primary. That result caused Robert Kennedy to enter the race and Lyndon Johnson to end his bid for reelection. Another politician of this last name was rebuked by Joseph Welch for his aggressive actions. That politician with this last name gave a speech claiming to have a list of 205 names. For 10 points, give the shared last name of Minnesota and Wisconsin senators Eugene and Joseph, the latter of whom started a search in the 1950s inside the government for Communists.
ANSWER: **McCarthy** [or Eugene **McCarthy** or Joseph **McCarthy**]

023-09-1-08130

10. This disease can be treated with hydroxyurea, which slows production of affected cells. This disease is caused by a substitution of valine for glutamic acid, and spleen and liver enlargement can occur due to reduced blood flow. It is an example of heterozygote advantage since those with one copy of the affected gene are less likely to contract malaria. For 10 points, name this autosomal recessive disorder in which a defective hemoglobin gene causes abnormally shaped red blood cells.
ANSWER: **sickle-cell** anemia [or **sickle-cell** disease; do not accept or prompt on "anemia" by itself]

003-09-1-08131

1. This author memorialized his wife's death in a fireplace accident in his poem "The Cross of Snow." A long poem by this author, written in dactylic hexameter, follows Gabriel Lajeunesse's (lah-zhoo-NESS-ess) travails during the expulsion of the Acadians from Canada. In addition to *Evangeline*, this author wrote about the husband of Minnehaha (mini-HA-ha) and about a man instructed to "hang a lantern aloft in the belfry arch/Of the North Church tower as a signal light." For 10 points, name this writer of *The Song of Hiawatha* and "Paul Revere's Ride."
ANSWER: Henry Wadsworth **Longfellow**

019-09-1-08132

2. Hyaluronidase and other digestive enzymes in the acrosomes of these objects are activated upon binding to the glycoprotein ZP3. When one of these objects crosses the zona pellucida, it prevents all others from doing so. Interaction with one of these objects causes the oocyte to undergo a second meiotic division, which is followed by the zygote stage. These cells are combined with fluid from the prostate gland after being produced in the testes. For 10 points, name these cells that attach to egg cells during fertilization.
ANSWER: **sperm** cells

003-09-1-08133

3. This economist wrote a *Treatise on Probability*, and argued against deflation policies in *A Tract on Monetary Reform*. He criticized the Treaty of Versailles in *The Economic Consequences of the Peace*, and wrote about the consumption function in another work. In that work, this man proposed that a combination of tax cuts and increased government spending could counteract a depression. For 10 points, name this British economist who wrote *The General Theory of Employment, Interest, and Money*.
ANSWER: John Maynard **Keynes**

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