

**Western Invitational Tournament 2013**  
**Minneapolis Community and Technical College (Rob Carson, Bernadette Spencer)**

**Tossups**

1. In diabetic and hypertensive patients, this structure can develop characteristic dot and blot-hemorrhages from edema caused by excessive activation of polyol pathways. The “rubber band theory” is a metaphor for describing how this structure is held in place. This structure’s inner nuclear layer contains interneurons like bipolar and (\*) amacrine cells. Occlusion of the central artery behind this structure leads to a visible cherry-red spot on its yellow inner area in Tay-Sachs disease. Inadequate blood flow to this structure from the choroid leads to increased pressure outside. The central region of this structure contains the fovea and the highest concentration of cones. For 10 points, name this light-sensitive area that includes the macula, the inner lining of the eye.

ANSWER: the retina [accept fovea and macula before mention, prompt on eye]

2. In response to a delegation sent by the synod of Forli, this man repealed the harsh anti-Jewish laws put in place by a member of the Martinez de Luna family. He declared Louis III of Anjou the rightful ruler of Naples during a quarrel with the Neapolitan queen Joanna II; after making up with Joanna, he defeated his other rival, the *condottiere* Braccio da Montone. He issued a papal bull that directly led to the Hussite Wars. This pope summoned and dissolved the Council of Siena, and his successor (\*) Eugene IV battled conciliarism at the chaotic Council of Basel-Ferrara-Florence, which this man convened shortly before his death. For 10 points, identify this fifteenth-century pope whose election at the Council of Constance ended the Western Schism.

ANSWER: Pope Martin V [or Odo Colonna; or Oddone Colonna; prompt on Martin]

3. The first mosque in this country was built at Marree by a group of laborers known as the “Afghan cameleers.” The Nan Tien Buddhist temple was built near this country’s Mount Kembla. It’s not France, but its first native saint founded the Sisters of St. Joseph of the Sacred Heart and is known as “Saint Mary of the Cross.” Ceremonial musical instruments from this country include the (\*) bullroarer. Some people from this country believe in “songlines,” invisible paths across the landscape which mark the routes taken by totemic creator figures such as Barnumbirr, Baiame, and the Rainbow Serpent, who were active during the sacred “Dreamtime.” For 10 points, name this country in which Ayers Rock, or Uluru, is considered sacred by its aboriginal population.

ANSWER: Commonwealth of Australia

4. This phenomenon causes circularly-polarized and linearly-polarized waves to undergo a small phase shift perpendicular to the direction of propagation in the Imbert-Fedorov and Goos-Hänchen effects, respectively. This effect creates evanescent surface waves which can traverse a sufficiently small gap, causing the frustrated form of this effect. This effect is predicted by the (\*) Fresnel equations, as the transmission coefficients decrease as the incidence angle increases. It is critical to the operation of fiber optics and occurs at incidence angles above the critical angle. For 10 points, identify this effect in which light is prevented from entering a medium with a lower index of refraction.

ANSWER: total internal reflection [prompt on partial answers]

5. This man narrowly escaped capture when his forces were decimated at Gauchi. One battle saw this man's forces capture Cuenca before clashing with the forces of Melchor Aymerich on muddy slopes. He liberated a city around Mount Pichincha through that battle. This man was requested to preside over the (\*) Admirable Congress, and he was ousted by a revolt at Chiquisaca. General José María Obando was suspected to be complicit in his assassination. In his most famous victory, José María Córdoba routed enemy forces with a cavalry charge, and José de Canterac surrendered to him following the wounding of Royalist Viceroy José de la Serna. For 10 points, name this confidante of Simón Bolívar and victor at Ayacucho who lends his name to a Bolivian capital.

ANSWER: Antonio José de Sucre Alcalá

6. An essay in reaction to this event, written by a president, asserted that the only thing missing from it was the “note of the commonplace” and also noted that “there is no reason why people should not call themselves such things as...the Knights of the Isosceles Triangle.” Pamphlets for this event were written by, among others, Mabel Dodge and Walter Pach, the latter of whom helped organize it with Walt Kuhn and its driving

**force, (\*)** Arthur B. Davies. Works displayed here include one subtitled “Souvenir de Biskra” and a painting disparaged by Julian Street as an “explosion in a shingle factory.” For 10 points, identify this 1913 art exhibition which shocked Americans with such modern paintings as Duchamp’s *Nude Descending a Staircase*.

ANSWER: the Armory Show [or the 1913 International Exhibition of Modern Art]

**7. In one story by this man, James Rimington recalls his time as the “quiet earthquake” of the New York City business world. This author of “An End to Dreams” won a posthumous Pulitzer for his unfinished poem about the American frontier, “Western Star.” This author described “falling in love” with the title objects in his poem “American Names,” which ends with the line (\*) “Bury my heart at Wounded Knee.” Another poem by this author is narrated by Connecticut abolitionist Jack Ellyat and takes its title from a song whose title object “lies a-mouldering in the grave” while “His soul’s marching on.” For 10 points, name this author of “John Brown’s Body” who wrote about Jabez Stone’s deal with Mr. Scratch in “The Devil and Daniel Webster.”**

ANSWER: Stephen Vincent Benet

**8. Michel Cadotte led a trading post on Madeline Island, one of this state’s black bear-filled Apostle Islands. The most recent advance of the Laurentide ice sheet is a glaciation named for this state, the southwest area of which lacks significant till and outwash because it escaped that glaciation and is thus known as the “Driftless Area”. The land in its Sauk County was exalted in a book which coined the term “land (\*) ethic”, Aldo Leopold’s *Sand County Almanac*. A sandstone gorge on this state’s namesake river lends its name to a nearby waterpark-filled tourist trap, its namesake “Dells”. Its eastern Door Peninsula separates Lake Michigan from Green Bay. For 10 points, identify this Midwestern state whose major cities include Racine, Milwaukee, and Madison.**

ANSWER: Wisconsin

**9. Robert Durrer developed a large-scale version of this process named for the towns of Linz and Donawitz. Robert Forester Mushet made the products of this process more reliable by adding *spiegeleisen*. When it was introduced, it replaced a process developed by such men as Johann Magdeburg and Basil Brooke known as “cementation” that produced a (\*) “blister” variety of its product. A dolomite refractory lining used to eliminate phosphorus was added to it by Sidney Gilchrist Thomas. Its waste products include silicon, manganese, and carbon oxides, which can form a solid called “slag”. For 10 points, name this process in which jets of air are blown across molten iron to burn off impurities, which revolutionized 19th-century steelmaking.**

ANSWER: the Bessemer process

**10. A rebellion in this province featured a long siege of the Mons Medullius and was led by the chieftains Gauson and Corocotta. The first Christian to be executed for heresy met that fate for developing the doctrine of Priscillianism in this province. Galba and Otho served as governors in this province, which was long split into “Citerior” and (\*) “Ulterior” regions. At one battle in this province, the winning commander placed his legions on the wings of his concave formation, a tactic referred to as the “reverse Cannae”. The siege of Saguntum, a city in this province, sparked the Second Punic War, which also included the aforementioned battle of Ilipa. For 10 points, identify this birthplace of Hadrian and Trajan, a Roman province comprised of most of the Iberian peninsula.**

ANSWER: Hispania [prompt on Spain; prompt on Iberia until it is mentioned]

**11. The majority opinion in this case cites an earlier case involving Samuel Swartwout and Erick Bollman and actually recites Webster’s definition of the word “cause” in order to establish the Supreme Court’s jurisdiction. That majority opinion was written by David Davis. The defendant in this case, a meningitic Ohioan leader of the Knights of the Golden Circle, was accused of conspiring to invade (\*) Union POW camps and was arrested by General Alvin P. Hovey. The Court’s finding that the suspension of habeas corpus was lawful reversed the earlier decision in *Ex parte Merryman*. For 10 points, identify this 1866 Chase court case which determined that trying citizens by military tribunal when civilian courts still function is unconstitutional.**

ANSWER: Ex parte *Lambdin P. Milligan*

**12. One song by this artist contains the repeated refrain “Next thing we’re touching” and sees her assert “you look at me it’s like you hit me with lightning.” In the music video for her best song, this artist of “Starry Eyed” wakes up after a car crash on a beach covered in chrome spheres; that song opens with the lines (\*) “Stripped to the waist, we fall into the river” and describes a time “since we found out” the title phrase. In her most successful song, she claims that “they’re calling, calling, calling me home” after noting that the title objects “stop**

me, turn to stone” and are shined “when I’m alone”. For 10 points, name this English singer-songwriter of such songs as “Anything Could Happen” and “Lights”.

ANSWER: Ellie Goulding [or Elena Jane Goulding]

13. Some advocates of this concept are divided into the opposing Raumist and Finvenkist camps, the latter of which seeks a “final victory” for it. UNESCO passed the 1954 Montevideo resolution to increase support for this concept, which was first endorsed by a world congress in the Declaration of Boulogne. Its most famous literary advocate was the author of *The Infant Race*, the Scottish Nobel nominee William Auld. It was first outlined in the (\*) *Unua Libro*, which was published under a pseudonym meaning “one who hopes” that eventually gave its name to this concept. Though this concept proved to be more popular than Ido, it faces competition from Interlingua. For 10 points, name this brainchild of L.L. Zamenhof, the most widely-spoken constructed language.

ANSWER: Esperanto [or anything that mentions the adoption or advocacy or learning of Esperanto; or the Esperanto movement; or Esperantism]

14. In one appearance, he adopts the twenty-fourth son of the shepherd Custennin, a boy named Goreu. He slew nine witches atop Ystarfingun and defeated a child of Hen Wen that terrorized Anglesey. In *Lancelot, the Knight of the Cart*, this knight is the first to challenge Meleagant, who defeats him. However, this knight successfully slays Wrnach the Giant and (\*) Palug’s Cat. This first knight to come to Culhwch’s assistance put Gareth to work as a kitchen boy and gave him the ironic nickname “Beaumains”. Malory describes how he forgot his sword while riding to his first tournament, leading his squire to pull a sword from a stone while searching for a replacement. For 10 points, name this uncouth son of Sir Ector, the foster brother and seneschal to King Arthur.

ANSWER: Sir Kay [or Cai or Cei or Kex or Keu or, delightfully, Queux]

15. In one work, this philosopher asserted that certain cultural figures were like “a hero with no place to display his prowess” and used the metaphor of a bucket of water, which must be raised from the ground, to explain the basis for raising literary standards. In another work, this man described a bomb as “a single entity in which opposites coexist in given conditions”, noting that an explosion takes place “only when a new condition is present,” thus supporting his (\*) “dialectical conception” of the world. This philosopher delivered the *Talks at the Yan’an Forum* and asserted that “political power grows out of the barrel of a gun.” For 10 points, name this founder of a namesake form of Marxism-Leninism whose quotations were collected in the *Little Red Book*.

ANSWER: Mao Zedong [or Mao Tse-tung; or Chairman Mao; accept things like Maoism]

16. One man with this surname was the subject of a widely-criticized Paul Theroux biography titled for his “shadow.” Another author with this surname described Baby’s ostracism from her rich family after marrying the bus driver Ram Lutchman in *Fireflies*. One author with this surname wrote a novel in which Zabeth sends his son to a school run by the mask-collecting priest (\*) Father Huismans. while “the Big Man” forces Salim to leave his store in the title location. In another novel by that author with this surname, the protagonist becomes a journalist after marrying into the oppressive Tulsi family. For 10 points, give the surname shared by these Trinidadian brothers, the older of whom wrote *A Bend in the River* and *A House for Mr. Biswas*.

ANSWER: Naipaul [Shiva (Shivadhar Srinivasa) and V.S. (Vidia, or Vidiadhar Surajprasad)]

17. Either tidal forces or ram-pressure stripping likely created the long cloud of gas that accompanies these objects, their namesake “stream”. The clusters Hodge 301 and R136 are found in an H(II) region in one of them called the Tarantula Nebula, which itself once contained a blue supergiant that became Supernova 1987A. They can be found in the constellations (\*) Tucana and Dorado. Henrietta Leavitt’s study of period-luminosity relations used Cepheid variables found in these bodies, which are visible from the southern hemisphere. For 10 points, identify these two dwarf galaxies which orbit the Milky Way and are named for a Portuguese explorer.

ANSWER: the Magellanic Clouds [or Large and Small Magellanic Clouds; or Nubeculae Magellani]

18. A trip to Gurzuf inspired this man to compose a pair of piano pieces, the second of which is subtitled “Baydarki Capriccio.” One of his song cycles features a *Trepak* in which a peasant thinks of summertime while freezing in a blizzard. That work ends with a song depicting the title figure as a *Field-Marshal*. Another piece by him ends shortly after a distant (\*) church-bell causes the “spirits of darkness” to disperse. “The Old Castle” and “The Gnome” are among the movements of a piano work by this composer of *Songs and Dances of*

*Death*; that work, which was orchestrated by Maurice Ravel, ends with “The Great Gate of Kiev.” For 10 points, name this member of the Mighty Five who composed *Night on Bald Mountain* and *Pictures at an Exhibition*.  
ANSWER: Modest Petrovich Mussorgsky [or variants of “Musersky” for the surname, apparently]

19. This is the surname of a character who is accompanied on a walk through the city of Edina by her poodle Diana and her three-foot-tall servant Pompey. That character with this surname is eventually decapitated by a clock tower’s minute hand at the end of Poe’s “A Predicament”. A character with this name in a novel narrates a tale called “The Silvery Vale” and commits suicide after learning that Hollingsworth has chosen her half-sister (\*) Priscilla. A different character with this given name takes a two-day trip to Bettsbridge to seek treatment for her illness, during which time her absence unnerves Mattie Silver and her cat breaks her favorite pickle dish. For 10 points, give the name shared by a character from *The Blithedale Romance* and the wife of Ethan Frome.  
ANSWER: Zenobia [prompt on “Zeena”; accept Signora Psyche Zenobia or Zenobia Moodie or Zenobia Fauntleroy or Zenobia Frome]

20. The final poem in this collection asserts that “Folly is an endless maze” and exhorts the “Youth of delight!” to “come hither”. In another poem from this collection, a character says that love “seeketh not itself to please,” after which another character “warbled out” some metres from a brook in refutation. This collection, which contains “The Voice of the Ancient Bard” and (\*) “The Clod and the Pebble”, also contains a poem in which an “apple bright” is produced from “A Poison Tree.” Its most famous poem asks of the title figure “What immortal hand or eye could frame thy fearful symmetry?” and describes it as “burning bright”. For 10 points, “The Tyger” is found in which William Blake poetry collection, often paired with a collection about innocence?  
ANSWER: Songs of Innocence and of Experience (Showing the Two Contrary States of the Human Soul) [do not accept “*Songs of Innocence*” alone, but absolutely do accept Songs of Innocence and of Experience]

#### Tiebreakers

21. This element is surrounded by cyclohexyl groups in a ligand which interacts with ruthenium and gets replaced by a chelating isopropoxy ligand during the action of a Hoveyda catalyst in olefin metathesis. Four atoms of this element each double bond to one oxygen and are bridged by an additional six oxygen atoms in its most important oxide. A carbon atom is bound to this element with a positive charge in a (\*) betaine that is formed by the reaction of a ylide with this element attached to three phenyl groups. This element appears in a salt used in the Wittig reaction. This element, which exists in red and white allotropes, exists as a 3- anion bound to four oxygens. For 10 points, name this glowing nonmetal found below nitrogen.  
ANSWER: phosphorus [or P]

22. This building’s eastern facade is now home to a restaurant designed by Odile Decq. In one of its sculptural groups, the central tambourine-holding figure is flanked by intertwined wild-eyed Maenads, whose realistic nudity was attacked as “indecent.” A 1964 event at this building featured a performance of the finale of the (\*) *Jupiter Symphony*, after which a new ceiling painting by Marc Chagall was illuminated by its massive chandelier. Charles Garnier won the competition to design this building, which is now mostly used for ballet, having been superseded by a Carlos Ott-designed building on the Place de la Bastille. For 10 points, identify this home of Carpeaux’s *The Dance* and a famous Grand Staircase, a musical attraction in the capital of France.  
ANSWER: the Paris Opera House [or the Opera de Paris; or the the Salle des Capucines; accept the Palais Garnier or the Garnier Palace or the Opera Garnier before Garnier’s name is mentioned]

23. One of this man’s daughters married the loser of the battle of Aljubarrota, King John I of Castile, after this man invaded Galicia at the head of a joint Anglo-Portuguese force in an effort to rule Castile himself. This man imprisoned Peter de la Mare at Nottingham Castle after the dissolution of the Good Parliament, then convened the Bad Parliament the next year to undo its reforms. He had four children by his longtime mistress (\*) Katherine Swynford. His support of the first-ever English poll tax led to the burning of his Savoy Palace during Wat Tyler’s rebellion. He and his older brother Edward the Black Prince were sons of Edward III. For 10 points, name this Duke of Lancaster, an advisor to Richard II whose eldest son became King Henry IV.  
ANSWER: John of Gaunt, 1st Duke of Lancaster [prompt on John]

24. He's not Morgan Robertson, but this author wrote a prescient novel involving the sinking of a massive sea-liner called the *Atlantis*. In one of his plays, Judge Wehrhan engineers the arrest for *lese-majeste* of the innocent academic Fleischer after Mother Wolff steals the title luxurious garment. In another of his plays, the protagonist meets the spirit-girl (\*) Rautendelein at Wittikin's cottage after an accident on a mountain results in his masterwork falling to the bottom of a lake. In his most famous play, the imprisonment of Becker by the villainous Dreissiger prompts Moritz Jaeger to lead Silesian workers in revolt. For 10 points, name this German dramatist who penned *The Beaver Coat*, *The Sunken Bell*, and *The Weavers*.

ANSWER: Gerhart Hauptmann

## Bonuses

1. In the last episode of this show's first season, Abu Nazir orders one protagonist to eliminate Tom Walker, while the other is forced to undergo electroconvulsive therapy in an effort to cure her bipolar disorder. For 10 points each:  
[10] Identify this Showtime series, starring Claire Danes as CIA officer Carrie Mathison, who is obsessed with investigating the Damian Lewis-portrayed Nicholas Brody, a U.S. Marine and former Al Qaeda captive.

ANSWER: Homeland

[10] On *Homeland*, Vice President Walden is played by this actor, who spent five seasons as Captain James Deakins, the head of the Major Case Squad, on *Law & Order: Criminal Intent*.

ANSWER: Jamey Sheridan [or James Patrick Sheridan]

[10] Damian Lewis also starred alongside Sarah Shahi and Donal Logue in this underrated NBC series. Lewis played Charlie Crews, a police officer who spent twelve years in prison after being framed for murder.

ANSWER: Life

2. This type of glial cell can revert to a less-developed stage in order to help repair nerve damage. For 10 points each:

[10] Name these cells that insulate the axons of peripheral neurons.

ANSWER: Schwann cells

[10] Myelin degrades in this autoimmune disease that targets the brain, causing sufferers to lose the ability to walk, speak, or write. Anne Romney and Richard Pryor suffered from it.

ANSWER: multiple sclerosis [or MS]

[10] Schwann cells are derived from this group of embryonic stem cells that forms from the border of a similarly-named "plate." This cell group also develops into the ossicles and the septum of the heart.

ANSWER: neural crest cells

3. Name the following dead philosophers who cared about free will, for 10 points each.

[10] This Dutch humanist and friend of Thomas More decried mindlessly following religious traditions in *Handbook of a Christian Soldier* and lambasted Luther for denying the existence of free will. He also wrote *In Praise of Folly*.

ANSWER: Desiderius Erasmus Roterodamus [or Erasmus of Rotterdam]

[10] This American coined the terms "hard determinism" and "soft determinism". He also developed the first "two-stage" model of free will that distinguished chance from choice in his *The Will to Believe*.

ANSWER: William James [prompt on James; accept any specific derivative of "William" that distinguishes him from Henry James]

[10] This philosopher staked the compatibilist position of "man can do what he wills but cannot will what he wills" in a work responding to an essay prompt about deriving free will from a premise of self-consciousness.

ANSWER: Arthur Schopenhauer

4. At its current home in the Florence Cathedral, it is flanked by a painting of Dante and a similar work depicting Niccolò Mauruzi da Tolentino by Andrea del Castagno. For 10 points each:

[10] Identify this fresco which depicts an unusually-oriented equestrian statue of a certain *condottiere*.

ANSWER: *Funerary Monument to Sir John Hawkwood* [or *Equestrian Monument to Sir John Hawkwood*]

[10] The *Funerary Monument to Sir John Hawkwood* was painted by this Late Gothic Italian artist, best known for depicting Tolentino and Michelotto da Cotignola in his three paintings of *The Battle of San Romano*.

ANSWER: Paolo Uccello [or Paolo di Dono]

[10] Uccello was a major figure in the Renaissance discovery of, this artistic technique, which creates the illusion of depth by making the lines of a picture converge on one or more vanishing points.

ANSWER: linear perspective

5. The real and imaginary parts of functions with the complex form of this property are harmonic, meaning they satisfy Laplace's equation. For 10 points each:

[10] Name this property that gives the existence of a unique tangent line for real functions of one variable, meaning that a function has a derivative.

ANSWER: differentiability [or analyticity; accept word forms]

[10] These special functions appear in solutions to Laplace's equation in cylindrical coordinates, since their namesake equation appears when performing separation of variables. Those of the first kind are written  $J_n$ . (J sub

alpha)

ANSWER: **Bessel** functions

[10] Harmonic functions, like complex-differentiable functions, satisfy this principle, stating that they take their largest value on the boundary of a compact domain.

ANSWER: **maximum** principle [or **maximum modulus** principle]

6. This man served at the court of Cassander, king of Macedon, and he claimed to have visited the utopian island Panchaea in his major work, the *Sacred History*. For 10 points each:

[10] Identify this Greek mythographer, who is now most famous as the namesake of a method of interpretation which treats myths as exaggerations of historical events and figures.

ANSWER: **Euhemerus** [accept word forms of **euhemerism**]

[10] Euhemerus claimed that this god was originally a mortal king who had died on Crete, where his tomb still existed. Ares, Hebe, and Hephaestus were his only children by his wife Hera.

ANSWER: **Zeus** [or **Dias**; or **Jupiter**]

[10] In the *Phaedrus*, Socrates presents a euhemeristic explanation of Boreas's abduction of Oreithyia, a princess from this city. This city rejected Poseidon, instead going with a goddess who planted them an olive tree.

ANSWER: **Athens** [or **Athenai**]

7. The *andante* second movement of the fifth of these works was partly based on a Nubian folk song their composer heard while vacationing in Luxor, explaining its nickname, *The Egyptian*. For 10 points each:

[10] Identify these works for soloist and orchestra by a certain composer. Zygmunt Stojowski quipped that the second of them "begins with Bach and ends with Offenbach."

ANSWER: (Charles-)Camille **Saint-Saens's piano concertos** [prompt on partial answer]

[10] Saint-Saens referenced his own *Danse Macabre* in "Fossils", the twelfth part of this musical suite, probably his most famous work. Its other sections include "Tortoises", "The Elephant", and "The Swan."

ANSWER: *The **Carnival of the Animals*** [or *Le **Carnaval des Animaux***]

[10] Saint-Saens angrily stormed off the stage after premiering this composer's *Piano Quintet in F major*. This Belgian organist also composed the symphonic poem *Le Chasseur Maudit* and a *Symphony in D minor*.

ANSWER: Cesar **Franck** [or César-Auguste-Jean-Guillaume-Hubert **Franck**]

8. This poet told of an "inescapable animal" who "moves where I move, distorting my gesture" in "The Heavy Bear Who Goes With Me". For 10 points each:

[10] Identify this dedicatee of John Berryman's *His Toy, His Dream, His Rest*, an American poet who also wrote such short stories as "In Dreams Begin Responsibilities".

ANSWER: Delmore **Schwartz**

[10] This poet reminisced about Schwartz's stuffed duck and a kitten named Oranges in his poem "To Delmore Schwartz", which appears in his collection *Life Studies*, which also contains the poem "Skunk Hour".

ANSWER: Robert Traill Spence **Lowell IV**

[10] Schwartz was the basis for Von Humboldt Fleischer, the protagonist of *Humboldt's Gift*, a novel by this Canadian-American author of *Herzog* and *The Adventures of Augie March*.

ANSWER: Saul **Bellow** [or Solomon **Bellow**]

9. Put all those hours watching the History Channel to good use and identify these weapons, for 10 points each.

[10] Ancient Roman foot soldiers generally carried a shield, several javelins, a dagger, and one of these generically-named short swords, which also lent their name to armed combatants whose fights served as public entertainment.

ANSWER: **gladius** [or **gladius hispaniensis**; do not accept **gladiators**]

[10] Samurai in feudal Japan carried a pair of swords known as a *daisho*, or "big-little", which generally consisted of a tanto or wakizashi and this long, curved sword.

ANSWER: **katana** [prompt on "samurai sword"]

[10] Philip II of Macedon introduced this long spear to his phalanxes as a replacement for the much shorter *dory*.

ANSWER: **sarissa**

10. Name some French authors who were awarded the Nobel Prize in Literature, for 10 points each:

[10] This companion of Simone de Beauvoir actually declined the 1964 Nobel. His literary works include plays like *The Flies* and *No Exit*.

ANSWER: Jean-Paul Charles Aymard **Sartre**

[10] *Stanzas and Poems*, a collection by this member of the Parnassian school, contains his best-known poem, “A Broken Vase”, but he’s better known for winning the first Nobel Prize in Literature.

ANSWER: Sully **Prudhomme** [or René François Armand **Prudhomme**]

[10] This “popular theater” advocate wrote a ten-volume novel about a talented German musician who copes with Olivier’s death and Grazia’s marriage while in Paris. That novel is *Jean-Christophe*.

ANSWER: Romain **Rolland**

11. Opponents of this legislation included the longest-serving MP ever, Charles Pelham Villiers, and Scottish businessman James Wilson, who founded *The Economist* to support their repeal. For 10 points each:

[10] Identify this series of protective tariffs introduced by the Importation Act of 1815, which were also strongly opposed by a “League” led by Richard Cobden.

ANSWER: the **Corn Laws**

[10] The Corn Law repealer Robert Peel founded this kind of group, which bears his nickname. Part of this group, oft-maligned for not being able to carry guns, is headquartered at Scotland Yard.

ANSWER: British **police** [accept any synonyms like **cops** or **fuzz**; accept **Metropolitan Police Service** or **MPS**; prompt on **bobbies** or **peelers**]

[10] This other founder of the Anti-Corn Law League coined the phrase “flogging a dead horse” in a speech about the Reform Bill of 1867 and opposed the Crimean War in his “The Angel of Death has been abroad” speech.

ANSWER: John **Bright**

12. The protagonist of this story falls into a trap involving a rhomboid pattern of murders that are ostensibly related to the Tetragrammaton. For 10 points each:

[10] Name this short story, found in *Ficciones*, in which the detective Erik Lonnrot is tricked, and subsequently killed, by the criminal Red Scharlach.

ANSWER: “**Death and the Compass**” [or “La **Muerte y la Brújula**”]

[10] “Death and the Compass”, like the rest of *Ficciones*, was written by this blind Argentine short story master whose other works include “El Aleph” and “Pierre Menard, Author of the *Quixote*”.

ANSWER: Jorge Luis **Borges** [or Jorge Francisco Isidoro Luis **Borges**]

[10] In this Borges story, an unnamed Irishman who fought in the Irish War of Independence explains how he got a big scar on his face and reveals himself to be John Vincent Moon.

ANSWER: “The **Shape of the Sword**” [or “La **Forma de la Espada**”; or “The **Form of the Sword**”]

13. This author included the essays “Westmoreland and the Dalesmen” and “The Saracen’s Head” in his collection *Recollections of the Lake Poets* and his best-known novel is the Gothic *Klosterheim*. For 10 points each:

[10] Identify this author of “On Murder Considered as One of the Fine Arts”, an English essayist whose “The English Mail-Coach,” like his most famous work, describes his experiences using opium.

ANSWER: Thomas Penson **De Quincey**

[10] De Quincey’s most famous piece of literary criticism is an essay called “On the Knocking at the Gate in” this Shakespeare play, whose title character becomes King of Scotland before being killed by Macduff.

ANSWER: *The Tragedy of* **Macbeth**

[10] “The Palimpsest of the Human Brain”, “Savannah-la-Mar”, and “Levana and Our Ladies of Sorrow” are among the pieces of psychological prose poetry found in this fragmentary De Quincey collection.

ANSWER: **Suspiria de Profundis**

14. Identify these south Indian polities and/or dynasties, for 10 points each.

[10] This last major Hindu empire in southern India was founded by Harihara I. It lost power after getting smacked around by an alliance of Deccan sultanates at the Battle of Talikota.

ANSWER: the **Vijayanagara** Empire [or the Kingdom of **Bisnagar**]

[10] This Tamil empire often fought with the nearby Chalukyas and Pandas. It was brought to prominence by Rajaraja I, whose son Rajendra led a number of naval expeditions against an Indonesia-based rival.

ANSWER: **Chola** Empire/Dynasty/etc.

[10] This dynasty’s power in southern India reached its zenith under Aurangzeb, who led the conquest of Bijapur and Golconda. Other rulers of this empire include Shah Jahan.

ANSWER: **Mughal** Empire/Dynasty/etc. [or **Mogul**; or **Moghul**]



15. This man's Roland Barthes-inspired dance triptych *Mythologies* includes sections titled "Soap Powders and Detergents," "Striptease," and "Championship Wrestling," For 10 points each:

[10] Identify this unusually large American dancer and choreographer. His other works include adaptations of Purcell's *Dido and Aeneas*, Vivaldi's *Gloria*, and a 2008 adaptation of Prokofiev's *Romeo and Juliet*.

ANSWER: Mark William **Morris**

[10] Morris also created a dance version of *Four Saint in Three Acts*, an opera by Virgil Thomson with libretto by this American expatriate.

ANSWER: Gertrude **Stein**

[10] Morris created a version of this ballet that sets it in the 1960's and 70's. In that version of this Tchaikovsky ballet, the title character leads G.I. Joes against the Rat King.

ANSWER: *The* **Nutcracker**

16. Identify the following things about America's handsomest politician ever, Rexford Tugwell, for 10 points each.

[10] Tugwell, Adolph Berle, and Raymond Moley were the three Columbia professors who formed this unofficial advisory group during FDR's first New Deal.

ANSWER: the first **Brains Trust**

[10] Tugwell was appointed the first director of the New York City Planning Commission by this reformist Italian-American mayor of New York, now perhaps best known as the namesake of an airport in Queens.

ANSWER: Fiorello Henry (or Enrico) **LaGuardia**

[10] Tugwell was also the last non-native appointee to this position, in which he repealed the Jones Act and encouraged the Popular Democratic Party. He was succeeded in this position by Jesús T. Piñero.

ANSWER: **Governor** of **Puerto Rico**

17. Giffen goods, which do not conform to the law of this concept, have a positive "price elasticity" for it. For 10 points each:

[10] Name this measure of how much of a quantity is desired by consumers. Its curve slopes downward, intersecting with the upward-sloping supply curve.

ANSWER: **demand** [accept any specific forms]

[10] This function, which is named for the author of the textbook *Principles of Economics*, represents the demand of a consumer over a fixed bundle of goods at a constant level of expenditure that maximizes utility.

ANSWER: the **Marshallian** demand function [accept **Walrasian** demand or **uncompensated** demand]

[10] A demand curve is often constructed from one of these objects, a table showing the demand of various items at different prices.

ANSWER: demand **schedules**

18. At the Battle of Ambleve, this man decisively defeated his Neustrian and Frisian rivals. For 10 points each:

[10] Name this Majordomo whose other military victories include one against Odo of Aquitaine at Soissons, and another against the forces of Abd al-Rahman in 732.

ANSWER: Charles **Martel** [or **Charles the Hammer**]

[10] Charles Martel was a member of this Frankish dynasty, which was also ruled by Charlemagne. This family had previously served as Mayors of the Palace under the do-nothing kings of the Merovingian Dynasty.

ANSWER: **Carolingian** Dynasty

[10] Much of Charlemagne's administration was carried out by these officials, whose name meant "envoys of the lord." They carried out administrative tasks in parts of the empire the King could not reach himself.

ANSWER: **Missi** Dominici [accept **Missus** Dominicus]

19. A recent, now-mostly-discredited hypothesis suggested that this period was initiated by a comet or chondrite impact on or above North America. For 10 points each:

[10] Identify this relatively brief period of droughts and cold climates, taking place primarily in Western Europe between 12,800 and 11,500 years ago, that takes its name from an alpine-tundra wildflower.

ANSWER: the **Younger Dryas** stadial [accept **Nahanagan** Stadial or **Loch Lomond** Stadial]

[10] During the Younger Dryas, Northern Europe became the site of a number of deposits of this porous aeolian sediment. Large amounts of this calcareous, silty sediment give the Yellow River its name.

ANSWER: **loess** [or **Löß**, which is pronounced the same]

[10] Sixty to seventy percent of most loess consists of this mineral, which is found at the bottom of Bowen's reaction series and is composed of crystals of silicon dioxide.

ANSWER: **quartz** [prompt on **silica**]

20. An equivalent effect for uncharged particles traveling through a dielectric is named for Gugen Askaryan. For 10 points each:

[10] Identify this type of electromagnetic radiation, emitted by a charged particle traveling faster than the speed of light in the medium. It is responsible for the blue glow seen in nuclear reactors.

ANSWER: **Cherenkov** radiation [or the **Cherenkov** effect]

[10] The amount of Cherenkov radiation emitted by a particle for a given frequency can be calculated using the formula named for these two Russian physicists, who won the 1958 Physics Nobel with Cherenkov.

ANSWER: Ilya Mikhailovich **Frank** and Igor Yevgenyevich **Tamm**

[10] Tamm also worked with Andrei Sakharov to develop these devices which confine a plasma in the shape of a torus using, like the similar stellarator, magnetic fields.

ANSWER: **tokamaks**

21. This four-day festival ends the yearly hajj and often involves slaughtering lots of animals. For 10 points each:

[10] Name this celebration that commemorates Abraham's willingness to sacrifice his son to Allah.

ANSWER: **Eid al-Adha** [or **Greater Eid**; or **Major Festival**; or **Feast of the Sacrifice**; or **Kurban Baryam**; or **Bakrid**; prompt on **Eid**]

[10] Unlike Jews and Christians, Muslims hold that this oldest son of Abraham was to be killed.

ANSWER: **Ishmael** [or **Ismail**]

[10] During the second day of Eid, pilgrims traverse towards Mount Arafah, which was site of this event, during which Mohammed reminded Muslims all people are equal and exhorted them to spread Islam.

ANSWER: **Farewell** Sermon [or **Khutbatu I-Wada**; accept equivalents of "farewell", like "**final**", "**last**", etc...]

22. In Canada, members of this institution are usually called "Opposition Critics". For 10 points each:

[10] Name these entities formed by the senior members of the minority party in Westminster-style governments. They provide alternate policies to those proposed by department heads of the majority.

ANSWER: **shadow cabinets** [accept **ghost cabinets** from terrible Francophiles]

[10] This member of Her Majesty's Loyal Opposition currently leads the British shadow cabinet. He was formerly Gordon Brown's Secretary of Energy and Climate Change. His brother, David, serves as Shadow Foreign Minister.

ANSWER: Edward **Miliband**

[10] Both David and Edward are members of this slightly leftist British party that was in power under the previous two Prime Ministers, Gordon Brown and Tony Blair.

ANSWER: **Labour** Party