

2014 BELLum Omnium Contra Omnes**Packet 3: Tossups**

1. Hauser's law states that federal tax revenues stay around a constant percentage of this value. A three percent rise in this value will cause a one percent fall in unemployment according to Okun's law. This quantity's namesake deflator is calculated by dividing the nominal value of this quantity by its real value. For a European country to join the Eurozone, its national debt must be less than sixty percent of this value. This value can be found by adding up either a country's expenditures or its total population's income. A percent change in this value is used to measure economic growth. For 10 points, name this market value of all final goods and services produced within a country. ANSWER: **gross domestic product** [or **GDP**; prompt on "net economic **output**" or "net national economic **output**"; do not prompt on or accept "gross national product" or "GNP"]

2. With Florence Knoll, this man designed a building alternatively known as "The Black Rock." He placed thin slits in the otherwise windowless brick cylinder to let light into one building, and he experimented with floating acoustic "clouds" in another. This architect of the MIT Chapel and Kresge Auditorium also incorporated wing-like structures in the TWA Flight Center at JFK International Airport and designed the Washington Dulles Airport. Equilateral triangles form the two bases of another of this man's designs, an inverted catenary curve on the west bank of the Mississippi River. For 10 points, name this Finnish-American architect of the St. Louis Gateway Arch. ANSWER: Eero **Saarin**en

3. Point Alden and Cape Gray border Commonwealth Bay in this region. The oldest settlement still occupied in this region is Orcadas Base, and the King Haakon VII Sea borders this region's Queen Maud Land. Deception Island surrounds Port Foster in this region's South Shetland Islands. Weddell Sea lies between this region's namesake peninsula and Coats Land. The Ellsworth Mountains contain the highest point on this landmass, Vinson Massif. Mount Bird is an inactive volcano on this landmass's Ross Island, which also contains Mount Erebus. Vostok is a subglacial lake under this landmass. For 10 points, name this continent covered by ice that contains the South Pole. ANSWER: **Antarctica** [accept **Adélie** Land or *Terre Adélie* before "Orcadas"]

4. One work by this man was written for string quartet and string orchestra, and was inspired by folk tunes heard on a trip to Wales. This composer took the title of one of his works from a line in *Othello*, and that work used a theme composed by this man for the coronation of Edward VII. This man, who composed an *Introduction and Allegro*, said that he hinted at the theme of the second movement of Beethoven's *Pathétique* piano sonata in another work, in a movement subtitled "Nimrod." For 10 points, name this English composer of the *Enigma Variations* and the *Pomp and Circumstance* marches, which are commonly played at graduations. ANSWER: Edward William **Elgar**

5. The preface of this work describes "thick and palpable clouds [overshadowing the] Land," dispelled by this work's namesake figure. The frontispiece of the first edition of this work features two brothers standing on either side, one wearing the *ephod* and *hoshen*, above a pelican feeding her young in a cartouche. The printer, Robert Barker, printed multiple erroneous editions of this work, one of which accidentally orders readers to commit adultery. The idea of this work was conceived as a middle ground between High Church bishops and Puritans at the Hampton Court Conference. For 10 points, name this English version of the Bible translated during the rule of its namesake king. ANSWER: Authorized **King James Version** [or **KJV**; or **Authorized Version**; or **AV**; or **King James Bible**; prompt on "**Bible**"]

6. John II sent this man to Setúbal to capture a French trading envoy in the Algarves. The Jerónimos Monastery was founded in this man's honor. He forcibly took several Nairs and sixteen fisherman with him to Africa in protest after the Zamorin of Calicut rejected his gifts. Nicolau Coelho was the captain of the first ship commanded by this man to return home, the *Berrio*. This man burned the *São Rafael* near Malindi and refused to return to Mombasa, and Bartolomeu Dias accompanied this man on his first voyage around the Cape of Good Hope. For 10 points, name this Portuguese explorer who became the first European to sail around Africa to India. ANSWER: Vasco **da Gama**, 1st Count of **Vidigueira** [accept either underlined name]

7. This man led Temple Number Seven in Harlem and led a mob in New York City to protest the arrest of Johnson Hinton. This man encouraged blacks both to use their right to vote and to take up arms against the government in “The Ballot and the Bullet” speech. This founder of Muslim Mosque, Inc. and the Organization of Afro-American Unity was assassinated at the Audubon Ballroom. After this man claimed that Kennedy’s assassination was an example of “chickens coming home to roost,” he was forced into a ninety-day silence by Elijah Muhammad. For 10 points, name this militant civil rights leader advocated black separatism before breaking with the Nation of Islam.
ANSWER: **Malcolm X** [or El-Hajj Malik El-**Shabazz**; or Malcolm **Little**]

8. An artist from this country painted two mousetraps created by Joseph and featured the Annunciation in the central panel of a triptych. In addition to Robert Campin, this country was home to an artist who showed the title figures being accompanied by a pack of dogs in a landscape featuring a group of skaters on the ice below in *The Hunters in the Snow*. That artist painted 112 literal depictions of proverbs from this country in another work. In another painting from this country, a girl in a blue headscarf wears a pearl earring, and that artist also painted a “view of” his home city, Delft. For 10 points, name this country whose painters have included Pieter Bruegel the Elder and Jan Vermeer.

ANSWER: Kingdom of the **Netherlands** [or *Koninkrijk der **Nederlanden***; accept Burgundian **Netherlands** or *Bourgondische **Nederlanden***; accept Republic of the Seven United **Netherlands** or *Republiek der Zeven Verenigde **Nederlanden***; accept the Republic of the Seven **United Provinces** or *Republiek der Zeven **Verenigde Provinciën***; accept Federated **Dutch** Provinces or *Foederatae **Belgii Provinciae*** or **Dutch** Federation or ***Belgica Foederata***; accept **Seventeen Provinces** or ***Zeventien Provinciën***; prompt on “County of **Holland**” or “*Graafschap **Holland***”; do not accept “Flanders” or “County of Flanders” or “*Vlaanderen*” or “*Graafschap Vlaanderen*” do not prompt on or accept “Belgium” or “Kingdom of Belgium”]

9. This god’s wife gave birth to Melinoë by Zeus, who disguised himself as this god. This god pursued the nymph Minthe, who was turned into the mint plant. After killing Medusa, Perseus escaped the other Gorgons with this god’s Helm of Darkness. One person entered this god’s realm by giving three barley cakes to the guard, while another person lulled that guard to sleep with his lyre. This owner of Cerberus abducted his wife while she was picking flowers in Nysa and tricked her into eating pomegranate seeds so that she would have to stay with him. For 10 points, name this husband of Persephone and Greek god of the underworld.

ANSWER: **Hades** [or **Aidoneus**; or **Plouton**; or **Clymenus**; or **Polydegmon**; do not prompt on or accept “Pluto”]

10. The first time that anyone directly addresses this character is while he is looking at a painting of a woman in a fur coat. This character is forced back into his room by his father with a cane and a rolled newspaper after he makes his mother pass out and his manager run out of the room. At mealtime, this character hides under a couch while his sister leaves him rotting food scraps. This character dies in isolation after hearing his sister play the violin, and after his death, that sister, Grete, is finally able to find a husband. He is previously paralyzed for a month after his father throws an apple at him. For 10 points, name this character who wakes up as a bug in Franz Kafka’s *The Metamorphosis*.

ANSWER: **Gregor Samsa** [accept either underlined name]

11. The existence of an object in this region was proposed to explain recurrent cycles of mass-extinction events. That proposed object is either a brown or red dwarf called Nemesis. Tyche is a planet hypothesized to exist in this region. The inner portion of this region is the disc-shaped Hills cloud. Halley-type short-period comets and all long-period comets originate from this region, and the dwarf planet Sedna may have also originated in this region. Voyager 1 will probably reach this region in about three hundred years. For 10 points, name this outer boundary of our solar system, almost a light year away from the Sun and a thousand times farther away than the Kuiper Belt.

ANSWER: Öpik-**Oort cloud**

12. This character was born as a Maia named Olórin, living in the garden of Irmo and studying under Nienna. This character was called Lathspell and Stormcrow while at Edoras, and he was named Mithrandir by the Elves and Tharkûn by the dwarves. This rider of Shadowfax discovered his weapon in a trollhoard, and used that sword Glamdring on Zirakzigil to slay Durin's Bane. After falling in Moria, he later returned to command troops at the Battles of Helm's Deep, Minas Tirith, and the Black Gate. For 10 points, name this leader of the Company of Thorin and the Fellowship of the Ring, a Gray, and later White, wizard in J.R.R. Tolkien's *Lord of the Rings* trilogy and *The Hobbit*.

ANSWER: **Gandalf** the Grey [or **Gandalf** the White; accept **Incánus**; accept **Lathspell** or **Stromcrow** or **Mithrandir** or **Tharkûn** before mentioned; prompt on "**Greyhame**" or "**Old Greybeard**" or "The **White Rider**" or "The **Grey Pilgrim**"]

13. A popular banner supporting this cause urged "Kaiser Wilson" to "take the beam out of [his] eye." Sweden adopted a limited form of this right for taxpaying guild members during the Age of Liberty. Emmeline Pankhurst delivered her "Freedom or Death" speech in support of this right. New Zealand was the first modern country to adopt an unrestricted form of this right in 1893 while it was part of South Australia. The denial of this right was the first grievance listed in the Declaration of Sentiments drafted at the Seneca Falls Convention. For 10 points, name this right established in the Nineteenth Amendment of the United States Constitution.

ANSWER: **women's suffrage** [or **women's right to vote**; accept obvious equivalents; prompt on "**women's rights**"; prompt on partial answer]

14. Susanna is sent by Dr. Griggs at the beginning of this work, and one character forgets the seventh commandment. Willard throws one character out of a courtroom after that character accuses Thomas Putnam of stealing his land in this work. Ezekiel Cheever discovers a needle inside a poppet sewn by Mary Warren, leading to Elizabeth's arrest. Betty lies unconscious during this work after Reverend Parris discovers a ceremony led by the slave Tituba. After Abigail accuses him of witchcraft, John Proctor is hanged at the end of this work. For 10 points, name this play written by Arthur Miller as a response to McCarthyism, describing the Salem witch trials.

ANSWER: *The **Crucible***

15. Activated phospholipase C produces diacylglycerol, which triggers the release of this element inside of the cell, and abscisic acid triggers the influx of this element's ion from vacuoles, causing stomata to close. Parathyroid hormone causes the increased resorption of this element's ion in the distal tubules of the kidney, and this element's ion binds to proteins to initiate SNARE-mediated vesicle fusion in neuronal synapses. Osteoclasts break down a tissue that stores this element, a phosphate of which is termed hydroxylapatite. For 10 points, name this alkaline earth metal, an element with a plus-2 oxidation state that is often found in milk and bones.

ANSWER: **calcium** [or **Ca**; or **calcium 2+**; or **Ca 2+**; the relative order of the "+" and "2" does not matter]

16. Oswald Tesimond and Henry Garnet may have learned about this event through the confessional. In the potential aftermath of this event, one man favored kidnapping Prince Henry rather than Princess Elizabeth. This event was first discovered through the Monteagle Letter. William Wade questioned one person involved with this event, who was captured at around midnight in the tunnels underneath the intended target of this event. This event is remembered on the fifth of November with effigies of a co-conspirator of Robert Catesby. For 10 points, name this event which failed to kill James I and Parliament after Guy Fawkes failed to light charges.

ANSWER: **Gunpowder Plot** [or **Gunpowder** Treason **Plot**; or **Jesuit Treason**; prompt on answers involving "Guy Fawkes" or "assassinating James I" or "blowing up Parliament" before mention]

17. This author wrote about the deaths of Vashti and Kuno after the collapse of a universal machine in "The Machine Stops." In a novel by this man, Leonard Bast dies at the hands of Charles Wilcox and Margaret Schlegel inherits the title estate from Henry Wilcox. Besides writing *Howards End*, this writer described the arrogant Cecil Vyse and the elopement of George Emerson with Lucy Honeychurch in another work. In a different novel by this author, Adela Quested brings a false accusation of sexual harassment against Dr. Aziz, a young Muslim physician in the title location. For 10 points, name this British author of *A Room with a View* and *A Passage to India*.

ANSWER: Edward Morgan **Forster**

18. A eutectic system consists of a mixture that performs this process at a lower temperature than each of its constituents. Clarence Birdseye developed a technology that induces this process in certain substances. Most substances perform this transition through crystallization of their molecules, and amorphous substances do so without forming regular structures. Supercooled substances have not undergone this transition but are under the appropriate conditions to do so. Water notably expands when it undergoes this process. For 10 points, name this phase transition from a liquid to a solid, which for water occurs at zero degrees Celsius.

ANSWER: **freezing** [or **solidification**; prompt on “**crystallization**” or equivalents before mentioned]

19. The protagonist of this work delays finishing breakfast before going to the Hotel “Excelsior.” While the protagonist attends dinner in a white suit, an old guitarist who looks “rather like a Neapolitan comedian” comments on the smell of disinfectant. A boatman without a license in this novel states that he can “row [the protagonist] well” when the protagonist asks to be taken to the wharf. Several days after eating overripe strawberries, the protagonist of this novel witnesses a fight between Jasieu and another boy and is afflicted by the title event via cholera. For 10 points, name this novella in which the Polish boy Tadzio is followed by Gustav von Aschenbach, by Thomas Mann.

ANSWER: ***Death in Venice*** [or ***Der Tod in Venedig***]

20. This quantity’s namesake factor is the ratio between real and apparent values of this quantity and is calculated by dividing resistance by impedance. This quantity’s namesake gain is defined as the ratio of this quantity at a load to a source. This quantity over unit area yields intensity, and in fluid systems this quantity equals pressure times the volumetric flow rate. This is the product of the electric potential difference and the current. For rotational systems, the cross product of torque and angular velocity yields this quantity, which is equal to the dot product of force and velocity in linear systems. For 10 points, name this amount of work done per unit time, whose SI unit is the watt.

ANSWER: **power** [prompt on “**P**”]

TB. One leader of this polity executed Piet Retief and his men but was later defeated by a small force led by Andries Pretorius. This polity, which refused an ultimatum from Henry Bartle Frere, failed to capture a garrison defended by fewer than two hundred men under John Chard. This polity was defeated at the Battle of Ulundi but previously had defeated the British at Isandlwana, and it pioneered the use of the “buffalo horn” military formation under its leader Cetshwayo. Its founder defeated Chief Zwide and was later assassinated by his brothers Umhlangana and Dingane. For 10 points, name this empire founded by Shaka that fought the British in South Africa.

ANSWER: **Zulu** Kingdom [or **Zulu** Empire; or **Zululand**]

Packet 3: Bonuses

1. One character in this work claims that Europeans “have no respect for what [they] cannot understand.” For 10 points each:

[10] Name this play in which, following a Yoruban chief’s death, the interruption of Elesin’s ritual suicide by Colonel Pilkings prompts his son Olunde to take his place.

ANSWER: **Death and the King’s Horseman**

[10] *Death and the King’s Horseman* is a play by this Nobel Laureate and author of *Season of Anomie* and *The Lion and the Jewel*.

ANSWER: Akinwande Oluwole “Wole” **Soyinka**

[10] Soyinka is a native of this populous west African country, whose other authors include Christopher Okigbo, Ajegunla Joe, and Chinua Achebe.

ANSWER: Federal Republic of **Nigeria**

2. This Union victory allowed Lincoln to issue the Emancipation Proclamation. For 10 points each:

[10] Name this Civil War battle, the bloodiest single-day battle in American history, at which George McClellan repelled Robert E. Lee’s forces from their invasion of Maryland.

ANSWER: Battle of **Antietam** [or Battle of **Sharpsburg**]

[10] In this early Civil War battle, Confederate generals P.G.T. Beauregard and Joseph E. Johnston stopped the Union advance under Irvin McDowell. Thomas Jackson received his nickname “Stonewall” at this battle.

ANSWER: **First Battle of Bull Run** [or **First Battle of Manassas**; prompt on “**Bull Run**” or “**Manassas**”]

[10] The ironclad CSS *Tennessee* engaged Rear Admiral David Farragut’s entire force in this 1864 Union naval victory. At this battle, Farragut is said to have declared, “Damn the torpedoes, full speed ahead!”

ANSWER: Battle of **Mobile Bay**

3. This man wrote, “A foolish consistency is the hobgoblin of little minds.” For 10 points each:

[10] Name this leader of the American transcendentalist movement, who wrote *Self-Reliance* and discussed humanity’s disconnect with natural beauty in his essay *Nature*.

ANSWER: Ralph Waldo **Emerson**

[10] Ralph Waldo Emerson gave this speech to the Phi Beta Kappa Society at Harvard, saying that the title figure was educated through nature, books and action, in that order of priority.

ANSWER: “The **American Scholar**”

[10] In another essay, Emerson described this title concept, “within which every man’s particular being is contained and made one with all other.”

ANSWER: **oversoul**

4. In *Trop v. Dulles*, Chief Justice Earl Warren wrote that this concept “must draw its meaning from the evolving standards of decency that mark the progress of a maturing society.” For 10 points each:

[10] Name this concept prohibited in the Eighth Amendment of the United States Constitution. This phrase may have first been used to describe the sentence of Titus Oates after the uncovering of the Popish Plot.

ANSWER: **cruel and unusual punishment** [accept equivalents like “**cruel, inhuman or degrading** treatment or **punishment**”; do not accept specific instances like “torture” or “enhanced interrogation”]

[10] In *Furman v. Georgia*, the Supreme Court declared that inconsistencies in this form of punishment make this cruel and unusual. In the United States, it is primarily conducted through lethal injection.

ANSWER: **death penalty** [or **capital punishment**; or **execution**; accept obvious equivalents]

[10] In *Discipline and Punish*, this French philosopher analyzed the modern shift from public torture to idealized prisons like Jeremy Bentham’s Panopticon.

ANSWER: Paul-Michel **Foucault**

5. Name some former states of the Holy Roman Empire, for 10 points each.

[10] This state was created by the *Privilegium Minus*, and was the home of the Habsburg Dynasty. Emperor Franz II later made this state an Empire of its own, and Franz Josef I combined this state with Hungary.

ANSWER: Archduchy of **Austria** [or *Erzherzogtum Österreich*; or Duchy of **Austria**; or *Herzogtum Österreich*; or Empire of **Austria**; or *Kaisertum Österreich*]

[10] This fiefdom of the Kingdom of Poland with capital at Königsberg was built up from the lands of the Teutonic Knights at the behest of Martin Luther. King William I of this state became Emperor Friedrich I of the German Empire.

ANSWER: Duchy of **Prussia** [or *Herzogtum Preussen*; or *Ducatus Prussiae*; or *Prusy Książęce*; or Kingdom of **Prussia**; or *Königreich Preussen*; prompt on “**Kaliningrad Oblast**” or “*Kaliningradszkaya oblast*”]

[10] This state merged with the Duchy of Prussia to create the Kingdom of Prussia. It has a namesake Gate in Berlin, and J.S. Bach wrote six concertos titled after this German state, supposedly to cure its Margrave of insomnia.

ANSWER: Electorate of **Brandenburg** [or *Kurfürstentum Brandenburg*; or *Kurbrandenburg*; or Margraviate of **Brandenburg**; or March of **Brandenburg**; or Mark **Brandenburg**; or *Markgrafschaft Brandenburg*]

6. [NOTE TO MODERATOR: do not read out the prompts of the first answer line unless necessary]

This character spends a small fortune throwing lavish parties to attract the attention of Grushenka. For 10 points each:

[10] Name this character, who is falsely charged with the murder of his father, Fyodor, after a dispute regarding his inheritance.

ANSWER: **Dmitri** Fyodorovich Karamazov [prompt on “**Fyodorovich**” or “**Karamazov**”]

[10] Dmitri, Alexey and Ivan make up the title fraternal trio of this novel by Fyodor Dostoevsky.

ANSWER: *The **Brothers Karamazov*** [or ***Brat'ya Karamazovy***]

[10] In *The Brothers Karamazov*, Ivan tells his brother Alexey a tale of this type about a Grand Inquisitor from Seville. Other examples of this type include those of the Good Shepherd, the Good Samaritan, and the Prodigal Son.

ANSWER: **parables**

7. An inscription in the upper left of this work states that the artist has changed his name to “Iitsu.” For 10 points each:

[10] Name this woodblock print by Hokusai that depicts three fishing boats caught in the title phenomenon near the title location while traveling back towards Edo.

ANSWER: *The **Great Wave off Kanagawa*** [or ***Kanagawa-Okii Nami-Ura***]

[10] *The Great Wave off Kanagawa* was the first of a series of Thirty-six Views of this Japanese volcano.

ANSWER: Mount **Fuji** [or ***Fujisan***]

[10] *Thirty-six Views of Mount Fuji* is a work in this genre of woodblock prints. This genre depicts the urban lifestyle of Japan under the Tokugawa shogunate.

ANSWER: ***ukiyo-e*** [or ***floating world***]

8. This man said that the glory of his state was made by the bravery of the war dead. For 10 points each:

[10] Name this Athenian statesman who led the city-state during the Peloponnesian War, during which he delivered a difficult-to-translate funeral oration and died of plague.

ANSWER: **Pericles**

[10] Pericles' funeral oration was recorded by this man in his *History of the Peloponnesian War*, although that text may have been a combination of two orations, one delivered earlier during the Samian War.

ANSWER: **Thucydides** [or ***Thoukudidēs***]

[10] Thucydides also chronicled a dialogue between envoys of Athens and this city-state, in which Athens demands that this city join the Delian League, saying, “The strong do as they can and the weak suffer what they must.”

ANSWER: **Milos** [or **Melos**; accept **Melian** Dialogue]

9. This structure contains a cis face and a trans face and consists of stacks called cisternae. For 10 points each:

[10] Name this organelle that modifies, packages, and exports proteins to different parts of a eukaryotic cell.

ANSWER: **Golgi** body [or **Golgi** apparatus; accept word forms]

[10] This structure encloses cells, and it consists of a phospholipid bilayer. This is described by the fluid mosaic model and is surrounded by a cell wall in bacteria, plants, and fungi.

ANSWER: cell **membranes** [or plasma **membranes**; or cytoplasmic **membranes**]

[10] These transmembrane proteins serve as channels to allow the movement of water molecules through the cell membrane. They were discovered by Peter Agre, who won the Nobel Prize in Chemistry in 2003.

ANSWER: **aquaporins**

10. The opening fanfare to this piece was used as the theme for *2001: A Space Odyssey*. For 10 points each:

[10] Name this tone poem that features sections such as “Sunrise,” “Of Science and Learning,” and “Song of the Night Wanderer,” inspired by a Friedrich Nietzsche essay.

ANSWER: **Also sprach Zarathustra** [or **Thus Spoke Zarathustra**; or **Thus Spake Zarathustra**]

[10] This composer of *Also sprach Zarathustra* also wrote a tone poem depicting a sick artist, *Death and Transfiguration*. He included two themes played by the horn and D clarinet in *Till Eulenspiegel's Merry Pranks*.

ANSWER: **Richard Georg Strauss** [prompt on “**Strauss**”]

[10] Richard Strauss also composed this opera in which Octavian falls in love with Sophie after he is chosen by Baron Ochs as the title figure to deliver a silver engagement flower to Sophie.

ANSWER: *Der Rosenkavalier* [or *The Knight of the Rose*]

11. The protagonist’s final soliloquy has been speculated to be a farewell address by the playwright to his audience. For 10 points each:

[10] Name this 1611 Shakespeare play that begins with a storm at sea. The magician Prospero, with aid from the spirit Ariel, marries his daughter Miranda to Ferdinand after taking revenge on his brothers.

ANSWER: *The Tempest*

[10] This child of Sycorax hides under a cloak while fetching firewood for his master, mistaking a jester for a spirit sent by his master to torment him. He later leads Trinculo and Stephano in a failed attempt to overthrow Prospero.

ANSWER: **Caliban**

[10] King Alonso of Naples had helped Antonio usurp Prospero’s position as Duke of this city. Prospero reclaims the dukedom of this city after the wedding of Miranda and Ferdinand.

ANSWER: Duchy of **Milan** [or *Ducato di Milano*; or *Ducatus Mediolani*]

12. Name some things about historically significant Summer Olympics, for 10 points each.

[10] This African-American sprinter upstaged his German counterparts in the 1936 Berlin Olympics by winning four gold medals, dealing a great blow to the Nazi belief of Aryan supremacy.

ANSWER: James Cleveland “Jesse” **Owens**

[10] The 1956 Olympics in Melbourne featured the violent “Blood in the Water” water polo match between this country and the Soviet Union, in response to a suppressed revolution in this country that year led by Imre Nagy.

ANSWER: People’s Republic of **Hungary** [or **Hungarian** People’s Republic; or **Magyar** *Népköztársaság*; or *Magyarország*]

[10] The June Democracy Movement occurred before the 1988 Olympics in this city, leading to the establishment of the Sixth Republic in its nation in an effort to prevent the establishment of a military junta before the Olympics.

ANSWER: **Seoul** Special City [or **Seoul** *Teukbyeolsi*]

13. Osmotic pressure is defined as one of these. For 10 points each:

[10] Name these physical properties such as boiling point elevation and freezing point depression that depend only on the concentration, rather than identity, of solute particles.

ANSWER: **colligative** properties

[10] This law states that the partial pressure exerted by a solvent’s vapor equals the product of the solvent’s mole fraction and the vapor pressure of the pure solvent. Ideal solutions are defined as those that obey this law.

ANSWER: **Raoult**’s law

[10] This term, symbolized *i*, is used in the calculations of colligative properties and represents the extent to which electrolytes dissociate in solution by accounting for the formation of ion pairs.

ANSWER: **van’t Hoff** factor

14. Identify some things about Snoopy's alter egos, for 10 points each.

[10] Snoopy becomes this alter ego when he puts on sunglasses and leans against a wall. This alter ego does nothing besides "hanging around the student union," mostly because he "doesn't have wheels."

ANSWER: **Joe Cool**

[10] As the World War I Flying Ace, Snoopy flies his doghouse as the Sopwith Camel to fight this figure. This historical figure was the German flying ace during the war.

ANSWER: **Red Baron** [or Manfred Albrecht Freiherr **von Richthofen**]

[10] As the World Famous Writer, Snoopy uses this seven-word sentence to start his novels. This sentence originally appeared in Edward Bulwer-Lytton's *Paul Clifford*, followed by an elaborate description of the rain.

ANSWER: **"It was a dark and stormy night"**

15. This character receives a crossbow for his twenty-first birthday, after which the celebration is concluded with the "Dance with Goblets." For 10 points each:

[10] Name this prince who is tutored by Wolfgang and often accompanies his friend Benno on hunts. He is tricked into confessing his love for Odile rather than the beautiful Odette.

ANSWER: Prince **Siegfried**

[10] Prince Siegfried is the protagonist of this ballet composed by Pyotr Ilyich Tchaikovsky, in which Odette transforms into a maiden at the title location.

ANSWER: **Swan Lake** [or **Lebedinoye ozero**]

[10] Odile is the daughter of this evil sorcerer and antagonist of *Swan Lake*, who takes the form of an owl in the second and fourth acts. His spell over Odette is broken when Odette and Prince Siegfried leap into the lake together.

ANSWER: Baron Von **Rothbart**

16. This work begins with the funeral of the title Southern spinster and includes scenes that describe how she fell in love with a Northern laborer, Homer Barron. For 10 points each:

[10] Name this short story that ends with some townspeople opening a room in the title woman's house to reveal her bed, which contains the decomposed body of her former lover and a single strand of gray hair on its pillow.

ANSWER: "A **Rose for Emily**"

[10] This Southern author penned stories that often centered around the Compson family in Yoknapatawpha County. In addition to writing "A Rose for Emily," he authored *As I Lay Dying* and *Light in August*.

ANSWER: William Cuthbert **Faulkner**

[10] This novel by Faulkner focuses on four members of the Compson family, including the mentally handicapped Benjy. This novel depicts Quentin Compson's suicide after he is separated from his sister Caddy.

ANSWER: *The **Sound and the Fury***

17. It is quantized as the fourth quantum number, which is a half-integer for fermions. For 10 points each:

[10] Name this property, the intrinsic angular momentum of particles.

ANSWER: **spin** angular momentum [accept **spin** quantum number]

[10] Silver atoms were sent through an inhomogeneous magnetic field in this 1922 experiment named after two German physicists. It confirmed two different quantizations of electron spin.

ANSWER: **Stern-Gerlach** experiment

[10] This principle explains how electron degeneracy pressure normally prevents a star from collapsing. It states that no two fermions can have the same principal quantum numbers or occupy the same quantum state simultaneously.

ANSWER: **Pauli exclusion** principle

18. In Izumo Province, this figure turned Kushinada into a comb to hide in his hair. For 10 points each:

[10] Name this god of sea and storms who created five men from a necklace in a contest with his sister Amaterasu. This ruler of Yomi obtained the sword Kusanagi from the tail of the dragon Yamata no Orochi.

ANSWER: **Susano'o** [or Takehaya **Susanoo**-no-Mikoto]

[10] Susanoo was born from the nose of this creator god during a purification ceremony, which occurred after this god returned from Yomi. He plunged a spear into the ocean with his wife, forming the islands of ancient Japan.

ANSWER: **Izanagi**-no-mikoto [or **Izanagi**-no-Okami]

[10] Susanoo, Amaterasu, and Izanagi are kami from this indigenous Japanese religion, whose practitioners' shrines are fronted by torii gates.

ANSWER: **Shintō** [or **kami-no-michi**]

19. A tuya is a type of volcano in which lava erupts through these objects. For 10 points each:

[10] Name these large moving bodies of ice formed where an accumulation of snow exceeds its ablation. Erosion caused by these objects creates drumlins and fjords.

ANSWER: glaciers

[10] These features are the accumulation of debris displaced from the walls or floor of a valley by an advancing glacier. The melting of glaciers deposits debris to form these features, which come in lateral or ground types.

ANSWER: moraines

[10] These arena-shaped basins are found at the head of glacial valleys. They often mark the location of a glacier's creation and form tarns when the ice surrounding them melts.

ANSWER: cirques [or corries; or cwms]

20. With the exception of At-Tawba, each *sura* of this work begins with the basmala. For 10 points each:

[10] Name this holy text, said to have been dictated to Muhammad by the angel Jibril. It is the most important Islamic scripture.

ANSWER: Qur'an [or Koran]

[10] One source for interpretation of the Qur'an are these sayings and deeds of Muhammad. They are classified into the categories of authentic, good, and weak.

ANSWER: hadith

[10] This Arabic term refers to the body of jurisprudence developed as an expansion of *sharia* through tradition.

ANSWER: fiqh