

BHSAT XX (2011): This One Doesn't Bilow, We Promise!
Written by Y. Student Academic Competitions

Round 8 Tossups

1. In a short story penned by this author, a male character known only as "the American" tries to convince his companion, Jig, to undergo an abortion. In another short story, this author portrays a writer named Harry reflecting on his life while slowly dying from an infected wound contracted during an African safari. These stories are "Hills Like White Elephants" and "The Snows of Kilimanjaro." This author also chronicled the journey of a professor who dies while fighting for the opposition army in the 1936 Spanish Civil War; that character is Robert Jordan, in *For Whom the Bell Tolls*. For 10 points, name this American Nobel Laureate notable for writing *The Sun Also Rises* and *The Old Man and the Sea*.

ANSWER: Ernest Hemingway

2. Many of this painter's early landscapes were executed in Point-Aven, Brittany. His paintings of sleeping nudes include one with the title word written on a poster in the background, "*Nevermore*", and one where the title ominous black-cloaked figure stands at the left, *The Spirit of the Dead Watching*. His biblically inspired scenes include one in which bonnet-clad women watch a yellow-winged angel wrestle with Jacob, *Vision After the Sermon*, and a crucifixion in which Jesus' skin color matches the landscape, *Yellow Christ*. For 10 points, this is what French Post-Impressionist, known for his paintings of life in Tahiti?

ANSWER: Paul Gauguin

3. This thinker carried a copy of the works of Francisco Suarez at all times, despite challenging Scholasticism; Antoine Arnault wrote objections to one of his works; Arnault accuses this man's logic of a namesake "circle". He questioned why, after melting by fire, wax is still wax, and identified the soul's physical joining point as the pineal gland. This tutor of Swedish princess Christina found that God is no deceiver after positing that a "malicious demon" might reconfigure his sense perception. For 10 points, name this French mathematician and philosopher whose *Discourse on Method* argues for mind-body dualism, and whose *Meditations on First Philosophy* can be summarized "I think, therefore I am."

ANSWER: Rene Descartes [accept Renatus Cartesius]

4. This substance's spectrum displays the D3 Fraunhofer line. When this substance accretes to the surface of a white dwarf or ceases to be degenerate in contracting stars, its namesake flash occurs. Hans Bethe discovered its production by the CNO cycle, and three units of it combine in a namesake exergonic process that occurs mainly in red giants. This first element to be detected extraterrestrially is the heaviest and last product of the proton-proton chain, the fusion reaction in most stars. For 10 points, identify this second-most abundant element in the universe, named for its abundance in our sun.

ANSWER: helium [nucleus or atom; prompt on "He"; accept alpha particles until "element" is read]

5. This region is divided up into three administrative divisions labelled A, B, and C. The highest point in this region is Tall Asur and is located in the Ramallah and Al Bireh regions. A city in the south of this region contains Rachel's Tomb and the Cave of the Patriarchs; that city is Hebron. Controversy erupted recently due to an announcement to construct 500 new houses here in response to the murder of a family in an illegal settlement. Bordered on one side by a separation barrier and on the other by the Jordan River, for 10 points, what is this territory of contested status in relation to Israel which, along with the Gaza strip, forms the Palestinian territories?

ANSWER: West Bank [prompt on "Palestine"]

6. One character in this novel is a tax-collector who accidentally splashes everyone in the eyes while demonstrating the correct way to open a cider bottle, Binet. The protagonist of this novel becomes ill after reading a letter that was delivered at the bottom of a basket of apricots. A club-footed character in this novel has to have his foot amputated after another character botches an operation performed at the urging of Homais. The title character meets her husband when he visits her father's farm to set his broken leg, and she later conducts affairs with the young student Léon and the landlord Rodolphe. For ten points, name this novel by Gustave Flaubert about Charles' dissatisfied wife, Emma.

ANSWER: Madame Bovary

7. One aria in this work features the composer's only ever tempo marking of *Prestissimo* in its depiction of the "refiner's fire." A brief instrumental interlude in this piece gets its title from a rustic wind instrument. That movement is a "pastoral symphony" called "Pifa," and other movements of this piece are the arias "But who may abide" and "I know that my redeemer liveth." Its libretto, compiled by Charles Jennens, consists mostly of texts from the King James Bible. Featuring the "Hallelujah" chorus, for 10 points, name this oratorio about the life of Christ by George Frideric Handel.

ANSWER: Messiah

8. This man debates the student Evodius in his dialogue *On Free Choice of the Will*, and refuted Pelagius by asking that monk to behold human genitals. He claimed that Lucretia's suicide was not justified since the mental virtue of chastity is untouched by rape and retold an interchange between Alexander the Great and a pirate in one work; in another, he is told "Take it and read" years after going on a mystic experience with his mom Monica, stealing pears from a garden, and witnessing sinful orgies in Carthage. That work retells his rejection of Neoplatonism and Manichaeism. For 10 points, name this author of *City of God* and *Confessions*, a 5th-century Catholic theologian from Hippo.

ANSWER: Saint Augustine of Hippo

9. Some members of this phylum have ptychocysts, which help create tubes, and several others possess a tube called the actinopharynx, leading into the body cavity. Its classes include Anthozoa and Cubozoa, and the two germ layers of its members are separated by a fluid called mesoglea. Their life cycles often include the sessile polyp and mobile medusa stages, and structures characteristic of them are nematocytes, or stinging cells. For 10 points, name this radially-symmetric phylum which includes hydrozoa, anemones, and jellyfish.

ANSWER: Cnidaria [the "c" is silent, but be lenient with pronunciation]

10. This politician's bones were exhumed in a June 2010 ceremony before testing to determine whether he was murdered or died of tuberculosis. He issued the Decree of War to the Death before launching his Admirable Campaign, getting his first army at the Congress of New Granada. Later exiled to Jamaica, this issuer of the Cartagena Manifesto and lover of Manuela Saenz returned to win at Boyacá and Carabobo, met up with José de San Martín at the Guayaquil Conference, and fought the Spanish in Peru. For 10 points, name this "Liberator," president of Gran Colombia, and namesake of a landlocked South American country with capitals Sucre and La Paz.

ANSWER: Simón Bolívar [accept Simón José Antonio de la Santísima Trinidad Bolívar y Palacios Ponte y Blanco]

11. One of this author's novels is set in the fictional country of Q and is narrated by Omar Khayyam Shakhil; that novel is *Shame*. One of his protagonists, Moraes Zogoiby, is descended from the last sultan of Granada, Boadbil, in *The Moor's Last Sigh*. The protagonist of another of his novels was switched with Shiva at his birth, which occurred at the moment of Indian independence; he is named Saleem Sinai. His novel about Gibreel Farishta and Saladin Chamcha earned him a fatwa from Ayatollah Khomeini. For 10 points, name this Indian author of *Midnight's Children* and *The Satanic Verses*.

ANSWER: Salman Rushdie

12. Its study was pioneered by a psychologist who developed a theory based on the lexical hypothesis; that psychologist is Gordon Allport. Lewis Goldberg proposed a theory of this concept often summarized CANOE or OCEAN as a mnemonic for its Big Five. One type theory of this characterizes people using four scales with designations such as "INTJ" and "ESFP," and is named for Myers and Briggs. Today, the MMPI is the standard test used to evaluate this characteristic. For 10 points, identify this thing that often leads to different readings of a Rorschach test, which describes inherent characteristics that distinguish people from one another.

ANSWER: personality

13. Near the end of this album, the "urge to defecate" fills Judge Worm. In the film version, which added the song "When the Tigers Broke Free," its protagonist becomes a fascist whose symbol is two crossed hammers. Featuring songs such as "Run Like Hell," "Mother," and "Young Lust," a doctor asks "Hello...is there anybody in there" on this album's track "Comfortably Numb." In another song from this album, a chorus of school kids declares "We don't need no education" and "Hey! Teacher! Leave those kids alone!" For 10 points, name this 1979 concept album by Pink Floyd in which other people are "just another brick in" the title isolating structure.

ANSWER: Pink Floyd's The Wall [do not accept "Another Brick in the Wall, Part 2"]

14. Belenus was the Gaulish deity of this type, and in *The Tale of Prince Igor's Host*, a son of Svarog named Dazhbog has this role. In Vedic religion, the Adityas are seven deities of this type. The Incan one is a son of Viracocha named Inti while an Indian one is Surya; one Greek one flayed the satyr Marysas, and the Japanese one hid in a cave after abuse from her brother Susanoo. Another one's son Phaethon epically failed at this role, whose Egyptian holder fights Apep regularly after using a barge. For 10 points, what class of deity includes Amaterasu, Ra, and Helios?

ANSWER: sun gods [accept solar deities]

15. Events in this paradigm are mathematically described by a manifold whose symmetry is the Poincaré group, called the Minkowski space; that space's "light cone" and "world line" constructs can be used to understand questions of causality. This theory uses a factor symbolized gamma in Lorentz transforms; its consequences include time dilation and length contraction. Postulating that there is no privileged inertial reference frame, and that there is a constant speed of light, for 10 points, identify this theory of Albert Einstein's which is not as applicable as its later, "general" counterpart.

ANSWER: theory of special relativity [prompt on "relativity"; do not prompt on or accept "general relativity"]

16. Freddy expresses his love for the protagonist of this musical in the song "On the Street Where You Live." The protagonist fools Zoltan Karpthy into believing that she was born Hungarian, and the male lead realizes his feelings for the protagonist in "I've Grown Accustomed to Her Face." Its central roles were created by Rex Harrison and Julie Andrews, the latter singing songs like "I Could Have Danced All Night" and "The Rain in Spain." For 10 points, name this musical about Henry Higgins and Eliza Doolittle, written by Lerner and Loewe and based on George Bernard Shaw's *Pygmalion*.

ANSWER: My Fair Lady

17. Louise Michel was one schoolteacher in this movement, and the Wall of the Federalists was one execution site for supporters of this movement. It attempted to bargain for its imprisoned leader Louis-Auguste Blanqui's release, and attempted to remove the cannons from Montmartre hill. Suppressed during the Bloody Week by Adolphe Thiers, many members were imprisoned on the isle of New Caledonia. For 10 points, name this leftist insurrection of 1871, which broke out in the capital after discontent with defeat in the Franco-Prussian War.

ANSWER: Second Paris Commune [accept Communardes]

18. He wrote of "guns that disturbed the hour", heard as far as Stourton Tower and "starlit Stonehenge" in a poem about the outbreak of World War I. "Immanent Will" causes an "intimate welding" that "jars two hemispheres" in another poem by him about the sinking of the Titanic. Novels by this author of "Channel Firing" and "The Convergence of the Twain" include one about Clym Yeobright's homecoming to Egdon Heath and one in which the title character has an illegitimate child named "Little Father Time" with Sue Bridehead. For 10 points, name this author of *The Return of the Native*, *Jude the Obscure*, and *Tess of the D'Urbervilles*.

ANSWER: Thomas Hardy

19. Lorrin Thurston's Committee of Safety operated in this region. The subject of the Newlands Resolution, its first monarch protected civilians with the Law of the Splintered Paddle, and unified it at the Battle of the Leaping Mullet Fish. Investigated by the Blount and Morgan reports, this region's sovereignty was reduced by the Bayonet Constitution. As a short-lived Republic and then as a territory, its leader was Sanford Dole, whose cousin James was a pineapple magnate here. Its first unified monarch was Kamehameha I, and its queen Liliuokalani was overthrown in 1893. For 10 points, name this Pacific archipelago which later became the fiftieth US State, with capital Honolulu.

ANSWER: Hawai'iian islands

20. One form of this lab technique induces coagulation or flocculation of colloids nearing the isoelectric point, at which their zeta potential is approximately zero. Another variety, which may use the chelating agent EDTA, is the complexometric type. Potentiometers determine the endpoint of this technique's "redox" types, and their namesake graphs feature a point of inflection called the equivalence point. For 10 points, name this lab technique often done using an indicator to determine an unknown pH, which uses a buret to drip precise amounts of reactant into a solution until something drastic occurs.

ANSWER: titration

TB. One ruler of this kingdom was held hostage by Epaminondas, and received the Laconic reply “if” after threatening to brutalize Sparta. This empire defeated traditional phalanxes by pioneering a very long spear called the sarissa. At Chaeronea, its army smashed the Sacred Band of Thebes. Its Phillip V lost to Rome, and Demosthenes spoke out against the earlier Phillip II. It reached its largest extent after one ruler defeated Darius III at Issus and Gaugamela, getting all the way to India before dying at age 33. For 10 points, name this Greek state and namesake of a former Yugoslav republic, which expanded into an empire under Alexander the Great.

ANSWER: Macedonia [accept Makedonia]

Round 8 Bonuses

1. For 10 points each, answer these questions about spectroscopy and spectrometry.

[10] These waves help determine the characteristic absorption bands of a compound in their namesake form of spectroscopy. They are found between microwaves and visible light in the electromagnetic spectrum.

ANSWER: **infrared** light [or waves, or spectroscopy; accept **IR** instead of infrared; don't accept "spectrometry"]

[10] Another form of spectroscopy ionizes a sample and determines isotope composition by using the ratio between charge and this property. It is often measured using a balance.

ANSWER: **mass** [accept **mass spectrometry**; do not accept "mass spectroscopy"]

[10] This phenomenon occurs when the spin of part of an atom in an applied field, such as H1 or carbon-13, flips sign after absorbing an EM wave at the Larmor frequency. It is used in brain imaging and a namesake spectroscopy.

ANSWER: **nuclear magnetic resonance** spectroscopy [or **NMR** spectroscopy; don't accept "spectrometry"]

2. They concern the origin, nature, and cessation of dukkha. For 10 points each:

[10] Name this collection of wise aphorisms that notes that suffering exists, stems from attachment, and can be ended from following the Eightfold Path.

ANSWER: The **Four Noble Truths**

[10] The four noble truths were first formulated by this man who lends his name to a popular Asian religion.

ANSWER: The **Buddha** (accept equivalents)

[10] This sutra of Mahayana Buddhism describes "skillful means", praises Avalokiteshvara, and says anyone can achieve Buddhahood.

ANSWER: The **Lotus** Sutra [or Sutra of the White **Lotus** which is Supreme Dharma, or that in Sanskrit]

3. For 10 points each, answer three questions about the second Viking age in England.

[10] This Dane succeeded his father Svein as king of both Denmark and England, and allegedly commanded the tides to obey him. This so-called "great" king made a pilgrimage to Rome.

ANSWER: **Knut** [or **Canute**] the Great

[10] After Edward the Confessor's death, a hard-ruling Norwegian of this name fought at Stamford Bridge against the last Anglo-Saxon king of England, another man with this name surnamed "Godwinson" who lost at Hastings.

ANSWER: **Harold** [accept **Harald**]

[10] This commissioner of the Bayeux Tapestry defeated Harold Godwinson at Hastings during his conquest of England from Normandy.

ANSWER: **William the Conqueror** [or **William I** of England, **William II of Normandy**, or **William the Bastard**]

4. He wrote "I wak'd; she fled; and day brought back my night" in a sonnet about his deceased wife, "Methought I saw my late espoused Saint." For 10 points each:

[10] Name this Briton who also wrote two poems about contrasting personalities, "L'Allegro" and "Il Penseroso."

ANSWER: John **Milton**

[10] Milton is best known for this epic poem about "man's first disobedience, and the fruit / Of that forbidden tree." Milton's stated purpose is to "justify the ways of God to men."

ANSWER: **Paradise Lost**

[10] Milton wrote a sonnet on this condition that concludes, "They also serve who only stand and wait." It is sometimes known by its first line, "When I consider how my light is spent."

ANSWER: **blindness**

5. They are set in the region of Unova, in which either Reshiram or Zekrom is awakened in Dragonspiral Tower. For 10 points each:

[10] Name this pair of games for Nintendo DS in which Professor Juniper gets the player started on a quest to defeat Team Plasma and win eight badges.

ANSWER: **Pokémon Black** and/or **White** versions [accept "Pocket Monsters" for "Pokémon"]

[10] This Grass-type starter in Pokémon Black and White evolves into Servine and eventually Serperior. Among fans, it was once jokingly dubbed "Smugleaf" due to its facial expression.

ANSWER: **Snivy** [pronounce "ivy" like "Ivysaur" even if teams don't; accept **Tsutaria**]

[10] Kyurem, a third legendary Dragon in Pokémon Black and White, has this self-resisting type for its second type. Kyurem, Kingdra, and Palkia are the only Dragon-type Pokémon without a weakness to this type.

ANSWER: **Ice**

6. Answer these questions about our northern neighbor for 10 points each:

[10] This Canadian city saw a population explosion as the result of a nearby oil boom. It is now the country's third-largest municipality.

ANSWER: Calgary

[10] Calgary is located in this Canadian province.

ANSWER: Alberta

[10] This lake straddles the border between northeastern Alberta and northwestern Saskatchewan.

ANSWER: Lake Athabasca

7. Name the following Russian composers from the twentieth century, for 10 points each.

[10] Superimposed C-major and F-sharp major chords are a characteristic sonority of his ballet *Petrushka*, and he also composed *Symphony of Psalms* and *The Firebird*.

ANSWER: Igor Stravinsky

[10] He wrote the music for Eisenstein's film *Alexander Nevsky*, the ballet *Romeo and Juliet*, and a "Classical" Symphony.

ANSWER: Sergei Prokofiev

[10] This nutcase thought that his unfinished *Mysterium* would cause the end of the world. He also used his "mystic chord" in pieces like *Prometheus: The Poem of Fire* and *The Poem of Ecstasy*

ANSWER: Alexander Scriabin

8. The "expenditure" method of computing this macroeconomic variable sums consumption, investment, government spending, and net exports. For 10 points each:

[10] Identify this quantity, the total value of all goods produced and services rendered within a nation's borders.

ANSWER: Gross Domestic Product [do not accept or prompt on "Gross National Product" or "GNP"]

[10] Okun's law states that there is an inverse relation between GDP and this economic condition, which classically arises when the supply of labor exceeds the demand.

ANSWER: unemployment [accept word forms]

[10] This kind of unemployment exists due to the time a worker spends unemployed in-between jobs. Seasonal unemployment is a type of this.

ANSWER: frictional unemployment [or search unemployment; accept word forms]

9. The priestess of Agbala carries Ezinma on her back for miles to the Oracle's cave to purify her in this novel. For 10 points each:

[10] Ezinma, Nwoye, and Ikemefuna are raised by the protagonist of this novel, in which the village of Umuofia declines as white colonists arrive.

ANSWER: Things Fall Apart

[10] This is the staple crop in Umuofia, and it is through successful farming of this crop that the protagonist Okonkwo builds his fortune.

ANSWER: yam

[10] This Nigerian author wrote *Things Fall Apart*, in addition to giving a famous lecture denouncing Joseph Conrad, titled "*An Image of Africa: Racism in Conrad's Heart of Darkness*."

ANSWER: Chinua Achebe

10. Characters from the *Iliad*, for 10 points each:

[10] This hero's rage over Agamemnon's claiming of Briseis led him to temporarily withdraw from the war until his close friend Patroclus was killed. He owns Hector's face.

ANSWER: Achilles

[10] The *Iliad* references two heroes of this name. One, known as the Greater, was a son of Telamon who went insane after failing to get Achilles' armor after that man's death. The other was a swift spearman.

ANSWER: Ajax

[10] This king of Crete leads a charge in book 13 of the *Iliad*. Though he arrived home safely according to the *Odyssey*, some sources claim that he promised to sacrifice the first living thing he saw upon returning home, which turned out to be his son.

ANSWER: Idomeneus

11. Held by Abu Bakr, Umar, and Mu'awiyah among others, this title literally means “successor”. 10 points each:

[10] Name this post held by Islamic rulers who succeeded the Prophet Muhammad after his death.

ANSWER: Caliph [accept khalifa]

[10] Harun-al-Rashid led this Islamic Caliphate which came to power after the Umayyads.

ANSWER: Abbasid Caliphate

[10] This dynasty replaced the Fatimids in Egypt. It was led by its namesake’s Kurdish son Saladin.

ANSWER: Ayyubid Dynasty

12. Answer these questions about graphing, for 10 points each.

[10] In this 2-dimensional coordinate system, a point is defined by a distance r from the origin and an angle θ . It is often contrasted with the Cartesian, or rectangular system.

ANSWER: polar coordinate system

[10] A polar shape of this type generated by the equation r equals $a \theta$, where a is a constant, is named for Archimedes. The logarithmic type appears frequently in nature.

ANSWER: spiral

[10] Transforming to polar coordinates can help find the improper integral of e^{-x^2} to the negative x squared. That integral is named for this German, who used it to get the probability density from the normal distribution.

ANSWER: Carl Friedrich Gauss [accept Gaussian integral]

13. Name some American photographers, for 10 points each:

[10] This photographer for the Farm Security Administration is best known for a picture of a concerned-looking Florence Owens Thompson, *The Migrant Mother*.

ANSWER: Dorothea Lange

[10] This co-founder of group f/64 with William Van Dyke is best known for his photographs of Yosemite Park, including *Moon and Half-Dome* and *El Capitan, Winter, Sunrise*.

ANSWER: Ansel Adams

[10] This photographer showed assorted passengers of the Kaiser Wilhelm II in his *The Steerage*. This leader of the Photo Secessionist movement was the husband of Georgia O’Keeffe.

ANSWER: Alfred Steiglitz

14. This book contains works its protagonist supposedly wrote about Josephus and Prince Dasa. For 10 points each:

[10] Name this novel in which Joseph Knecht becomes Magister Ludi, while playing the titular pastime.

ANSWER: *The Glass Bead Game* [or *Das Glasperlenspiel*]

[10] *The Glass Bead Game* is by this German-Swiss author who wrote about the title figure achieving enlightenment in *Siddhartha*.

ANSWER: Hermann Hesse

[10] After reading a pamphlet about transforming into the title creature, Harry Haller stabs Hermine in the magic theatre, in this Hesse novel.

ANSWER: *Steppenwolf*

15. Aristotle defines this thing as the “first actuality” of a potentially living thing in his philosophical work about it. For 10 points each:

[10] Name this concept in philosophy, which Aristotle attributed to plants and animals as well as humans, and which according to Plato’s *Republic* is divided into rational, spirited, and appetitive parts.

ANSWER: soul [accept psuches, psyche, or anima; do not accept English synonyms]

[10] Plato defends immortality of the soul and reincarnation in this dialogue which concludes with Socrates’ death from drinking hemlock in prison.

ANSWER: *Phaedo*

[10] This compendium argues in favor of the soul. A series of arguments in the form of objections, then a counterstatement, then response, it includes the Five Ways to prove God’s existence and is by Thomas Aquinas.

ANSWER: *Summa Theologica* [accept *Summa Theologiae*]

16. He collectivized farms before the *Holodomor* famine broke out in Ukraine, and his show trials often accused defendants of opposing “socialism in one country” during the Great Purge. For 10 points each:

[10] Name this issuer of Five-Year Plans, a follower of Lenin who drove out Trotsky and ruled the Soviet Union from 1929 to 1953.

ANSWER: Joseph Stalin [accept Ioseb Besrionis dze Djugashvili or Iosef Vissarionovich Stalin]

[10] This Stalinist foreign minister signed the Nazi-Soviet non-aggression pact which Hitler violated by invading Russia. Finnish soldiers named an improvised weapon for him during the anti-Soviet Winter War.

ANSWER: Vyacheslav Mikailovich Molotov [accept Vyacheslav Mikailovich Skryabin]

[10] In spring 1940, Stalin approved a mass execution at this site, at which about 22,000 Polish nationals and prisoners of war were killed by the Soviet NKVD.

ANSWER: Katyn Forest [massacre]

17. Identify some things related to the electrical properties of materials, for 10 points each.

[10] An isolated ideal one of these materials never has a net electric field inside it, since charges reposition themselves on its surface to cancel any interior fields. Its electric charges are mobile.

ANSWER: conductor

[10] Two conducting plates can be separated by one of these materials to form a capacitor. This type of insulator polarizes to reduce the electric field across the capacitor.

ANSWER: dielectric

[10] This SI unit of capacitance is equal to 1 ampere second per volt.

ANSWER: farad [do not accept “Faraday” or “Faraday constant”]

18. “The Flight from Blois” and “The Disembarkation at Marseilles” are part of this painter’s *Life of Marie de Medici* cycle. For 10 points each:

[10] Name this Flemish painter who depicted the title figure deciding which of three full-figured goddesses is the fairest in *The Judgment of Paris*, and depicted more full-figured females frolicking in his *The Garden of Love*.

ANSWER: Peter Paul Rubens

[10] Peter Paul Rubens painted a famous triptych of this biblical scene, which takes place shortly after the Crucifixion. Rogier van der Weyden painted a famous one, now in the Prado.

ANSWER: Descent from the Cross [or Deposition from the Cross]

[10] There are only thirty-four extant paintings of this other painter from the Low Countries. His most famous works include a landscape of his hometown, *View of Delft*, as well as *The Milkmaid*, and *Girl with a Pearl Earring*.

ANSWER: Jan Vermeer

19. Sergeant X is carries with him the recollection of the title girl in his *For Esmé With Love and Squalor*. For 10 points each:

[10] Name this American writer of such short stories as *Just Before the War with the Eskimos* and *A Perfect Day for Bananafish*.

ANSWER: Jerome David Salinger

[10] Salinger is best known for this novel, featuring the phony-hating Holden Caulfield.

ANSWER: *The* Catcher in the Rye

[10] Holden takes this character out to a Lunts show and out ice-skating, but ruins their date by calling her a “royal pain in the ass” and later calls her in the middle of the night.

ANSWER: Sally Hayes [accept either]

20. He was a leading War Hawk against Britain, but opposed the Mexican-American War. For 10 points each:

[10] Name this Kentucky Senator who struck a “corrupt bargain” to become John Quincy Adams’ secretary of state. He was dubbed the “Great Compromiser” after crafting the Missouri Compromise.

ANSWER: Henry Clay

[10] Henry Clay drew on Alexander Hamilton’s ideas for this Whig economic policy which supported a national bank, a protective tariff, and building up the country with infrastructure.

ANSWER: the American System

[10] A bill named for this entirely Kentuckian part of the Cumberland road system was vetoed by Andrew Jackson in 1830, dealing a heavy blow to the American System infrastructure project.

ANSWER: Maysville Road

TB. For 10 points each, answer these questions about muscles.

[10] Unlike ligaments, which join bones to each other, these connective tissues join muscles to bone. The largest one in the body can be found in the ankle joint and is known as the Achilles one.

ANSWER: **tendons**

[10] This is the basic unit of skeletal and cardiac muscles that gives those muscles their striated appearance. This unit runs from one Z line to another.

ANSWER: **sarcomere**

[10] This large protein in the sarcomere also helps form microfilaments in the cytoskeleton. Its filaments slide relative to myosin in muscle contraction.

ANSWER: **actin**