

## Prison Bowl VI

Questions written and edited by Hunter College High School (Sam Brochin, Swathi Chakrapani, William Dou, David Godovich, Lily Goldberg, Jason Gurevitch, Willie Ha, Sarah Hamerling, Sophey Ho, Brian Huang, Sayema Islam, Jonathan Lin, Brent Morden, Alex Moschetti, Tenzin Norzin, Wilton Rao, Ruth Schoenfeld, Priya Srikumar, Karina Xie, Marianna Zhang, and Zihan Zheng)

### Round 05 – Tossups

1. This statement can be generalized to other extensive properties, such as in the Bordwell thermodynamic cycle. When applying this law, one needs to know standard values for the property in question, which is -105 kilojoules per mole for propane. By comparing the standard enthalpy change of formation to the enthalpy required to make gaseous ions, this statement can be used to calculate the lattice energy in the Born-Haber cycle. It is also known as “the law of constant heat summation”. For 10 points, name this law stating that the total enthalpy change of a reaction is the same regardless of the steps taken in completing the reaction, named for a Russian chemist.

ANSWER: Hess’s law <AM>

2. This figure was deceived by his brother into abdicating the throne of Tollan, and in another myth, he struck down that brother, who proceeded to destroy mankind. In some myths, a crocodilian goddess gave birth to him while still a virgin, but in most versions of his birth, Ometeotl was his parent. He helped to kill Cipactli and created the earth, but did not lose a foot like Tezcatlipoca did. His brother was Xolotl, the god of the dead. This god was depicted as very colorful, and the world’s largest pyramid dedicated to his worship. For 10 points, name this Aztec patron of knowledge and god of the wind, whose name means “feathered serpent”.

ANSWER: Quetzalcoatl <WD>

3. One politician from this nation accused President Kuchma of suppressing criticism by ordering the kidnapping of dissident journalists, thus triggering the Cassette Scandal. The Primary Chronicle recorded the history of a kingdom centered in this nation where the Khmelnytsky Rebellion occurred. A Hetmanate formed here was split among several nations, and one king from here promulgated the *Rus Pravda* legal code. In this country once ruled by Yaroslav the Wise, the Orange Revolution took place following the 2004 elections. For 10 points, identify this nation controlled at different times by the Cossacks and Kievan Rus.

ANSWER: Ukraine <ZZ>

4. In one of his piano pieces, the left hand continually plays two pedaled perfect fifth chords, reminiscent of a ringing bell. Another piano work by this composer begins with the quickly-repeating notes D and A, *March of the Dwarfs*. That piece is collected along with *Wedding Day at Troldhaugen* and 64 other piano works in this composer’s *Lytic Pieces*. This man’s most famous suite begins with a depiction of the rising sun in an Ibsen play, *Morning Mood*. For 10 points, name this composer who included “Anitra’s Dance” and “In the Hall of the Mountain King” in his Peer Gynt Suite.

ANSWER: Edvard Grieg <WR>

5. In one of this author’s short stories, a girl hides a suicide note in a French literature exam and, along with Cynthia, comes back to haunt the narrator. This author of “The Vane Sisters” compared writing fiction to composing a chess problem in his memoir *Speak, Memory*. He created a prisoner who does not know when he is to be killed for the fictitious crime of “gnostical turpitude”, Cincinnatus C, in *Invitation to a Beheading*. In his magnum opus, the title character is described as “light of my life, fire of my loins” by the narrator, who shoots Clare Quilty. For 10 points, name this author who described Humbert Humbert’s sexual obsession with Dolores Haze in *Lolita*.

ANSWER: Vladimir Vladimirovich Nabokov <WR>

6. Background emissions from an object in this constellation led Johannes Hartmann to discover the interstellar medium, and ionized emissions within it are responsible for Barnard’s Loop. An active site of stellar formation within this constellation, the Molecular Cloud Complex, houses the Flame Nebula as well as the Horsehead Nebula. Mintaka, Alnilam, and the brightest O star, Alnitak, form a distinctive linear asterism in this constellation. Bellatrix and Rigel are particularly bright stars here, and its star Betelgeuse forms the shoulder of its namesake hunter. For 10 points, identify this constellation with notable asterisms like its Shield and Belt.

ANSWER: Orion <ZZ>

7. This man received the Copley Medal for writing a paper on how to avoid scurvy, from which none of his crew died on his first voyage. He undertook that voyage in order to observe the transit of Venus, as Sir Edmund Hawke would not permit a non-sailor from commanding the expedition. An incident during his third voyage involving a stolen canoe led to this man's death in Hawaii, and he had previously made landfall at Botany Bay. Evidence from this man's second voyage put down the notion of Terra Australis, a massive southern continent. He mapped out land outlines in Newfoundland. For 10 points, name this explorer, the first European to reach Australia and New Zealand.  
ANSWER: James Cook <AM>

8. This man's father-in-law, a pharaoh, burnt down a Canaanite city as a gift to him, and his father prayed for him in Psalm 72. When he was married, Gabriel formed a sand-bank on which Rome was built. One of the books credited to him includes a chorus of the daughters of Jerusalem, and a woman, the Shulamite. This man is credited with writing the Book of Proverbs, Ecclesiastes, and a poem of him and his lover, Song of Songs. He settled a dispute between two women claiming to be the mother of a baby and built the first temple of Jerusalem. For 10 points, name this last king of unified Israel, the son of David.  
ANSWER: King Solomon [accept Jedidiah or Sulaiman; prompt on "Shlomo"] <JG>

9. In a work from this movement, Sam and Steve compete against Harry Walton in a mayoral race. "Kabnis" is a short story in *Cane*, a collection from this movement, which also produced the musical *Shuffle Along* and the publication *FIRE!!*. Alain Locke compiled an anthology of its seminal works that includes poems by Countee Cullen and Claude McKay. A blossoming pear tree symbolizes Janie's view of marriage in a novel associated with this movement. A poet of this movement declared "my soul has grown deep like the rivers" and asked "What happens to a dream deferred?". For 10 points, name this movement of Zora Neale Hurston, Langston Hughes, and other African-American writers.  
ANSWER: Harlem Renaissance <MZ>

10. In this series, a former pizza delivery boy passes a note to a love interest, asking, "Ever done it in a hayloft?". Another character in this show, portrayed by Michael Rooker, appears in a hallucination to his younger brother after he shot himself with a crossbow; that man was left handcuffed on the roof of a department store in season one of this series. That character, Merle Dixon, fights a katana-wielding Michonne before they are both attacked by the title flesh-eating undead monsters. For 10 points, name this AMC television series in which sheriff Rick Grimes and his team of survivors kill many of the title zombies.  
ANSWER: *The* Walking Dead <WR>

11. A Roman statue that may depict this figure, a replica of a Lysippos bronze, portrays him hunched over while fastening his right sandal. In another sculpture of this figure, he points skywards with his right hand while he balances on his left foot, stepping on a column of air blown from Zephyr. That bronze is by Giambologna. A marble of this figure nude is missing his right arm, while a cloak is draped over his left arm which cradles the infant Dionysus in a work by Praxiteles. For 10 points, name this god often depicted with a winged hat, winged ankles and a staff with two snakes intertwined around it, the caduceus.  
ANSWER: Hermes [or Mercury] <WR>

12. One ruler from this nation, Coloman the Book-Lover, declared that witches did not exist, and a general from this nation embarked on the Long Campaign to defeat Murad II. That man's son would create the Black Army. This nation was conquered after Louis II was killed in battle at Mohacs, where the Arpad dynasty once ruled. Janos Kadar led this country following the failure of a Revolution here and the execution of Imre Nagy. The Treaty of Trianon resulted in large territorial losses for this nation, whose first king was Stephen I. For 10 points, identify this nation that was briefly led by Lajos Kossuth in 1848, which once formed a dual monarchy with Austria.  
ANSWER: Hungary <ZZ>

13. These materials are characterized by an equation that includes a hopping integral, the t-J model, itself derived from the Hubbard model. By comparing the coherence length to the London penetration depth, one can determine if these materials are Type I or Type II. A critical temperature above the boiling point of nitrogen characterizes the high-temperature type of these materials, which include cuprate perovskites like YBCO. These materials expel interior magnetic fields through the Meissner Effect, a phenomenon explained by Cooper pairs in the BCS theory. For 10 points, name these materials which exhibit zero electrical resistance.  
ANSWER: superconductors [or word forms] <SH>

14. A work by this writer ends with the protagonist suggesting a family trip to the country to see the maples. That novel features the discordant relationship between Fusako and Shuichi and their elderly father Shingo. Another of his novels is narrated by Urugami and hinges on the decisive Black 121, which allows Otake to triumph over Honinbo Shusai. This author of *The Sound of the Mountain* created a character who stumbles while Yoko is rescued from a burning warehouse by the geisha Komako, the ballet dilettante Shimamura. For 10 points, name this author of *The Master of Go* and *Snow Country*.

ANSWER: Yasunari **Kawabata** <MZ>

15. Krashen's "monitor hypothesis" states that a subset of this process cannot produce its result spontaneously. It is examined in the wug test, and Kuniyoshi Sakai proposed that this process is represented differently in the cortex after its first occurrence. Piaget's sensorimotor stage ends at its onset, and Lenneberg's proposed critical period of it lasts until around age 5. Several "Forbidden Experiments" were conducted to study this in isolation. The Behaviorist view of this process expounded in Skinner's *Verbal Behavior* was attacked by Chomsky, who holds that generative grammar better explains this and that children's predilection toward it is innate. For 10 points, name this process of learning to use and understand a system including speech or writing.

ANSWER: **language acquisition** [accept **learning a language** and other reasonable equivalents; prompt on "learning to speak" and equivalents] <SH>

16. This state's Presumpscot River flows through Windham and Gorham and begins in Sebago Lake, the largest lake in Cumberland County. This state's largest city contains Munjoy Hill, upon which stands the only remaining maritime signal tower in the United States. That city, which shares its name with Oregon's Portland, is on the shore of an Atlantic gulf named after this state, which also forms the shorelines of this state's southern neighbors, New Hampshire and Massachusetts. For 10 points, name this state with capital Augusta which contains the most northeastern point in New England.

ANSWER: **Maine** <WR>

17. One section of this work features a murderer haunted by his crime, the pale criminal. The central character repeats the refrain "remain true to the earth" and describes a "dancer" before he witnesses a tightrope walker plummet to his death. This work describes a metamorphosis of the spirit, which becomes a camel, a lion, and, finally, a child. At its conclusion, a character holds a feast and embraces eternal recurrence. The title character, a herald of lightning and the Ubermensch, destroys himself by descending from the mountain to bring gifts to mankind. For 10 points, name this work featuring the title prophet, written by Friedrich Nietzsche.

ANSWER: **Thus Spoke Zarathustra**: *A Book for All and None* [or **Also Sprach Zarathustra**: *Ein Buch für Alle und Keinen*] <MZ>

18. The Committees of Vigilance organized in this location were later broken up voluntarily after self-declared success, and the Tower of Jewels was built here to celebrate the completion of the Panama Canal. Charles Ellis is attributed with pushing through the construction of one landmark in this city, where Emperor Norton once reigned. Hetch Hetchy Valley was flooded as a result of a project to provide water for this city following one event, and many mansions used to exist on its Nob Hill district. It was where the UN Charter was signed. For 10 points, identify this city rebuilt after a 1906 fire and home to a bright orange structure, the Golden Gate Bridge.

ANSWER: **San Francisco** <ZZ>

19. These compounds are synthesized by attaching a lactone ring to a tetracyclic *ent*-kaurene system in the mevalonate pathway. In *Arabidopsis*, their signaling pathway is regulated by RGA, a DELLA protein. These diterpenoids help hydrolyze starch into glucose by increasing alpha-amylase production in cereal germination, and in cabbages, they can induce bolting, the premature production of flowering stems. Also responsible for seedless grapes, these hormones work with cytokinins to promote cell division in the stem. For 10 points, name these plant hormones that stimulate flowering and stem elongation.

ANSWER: **gibberellins** <SH>

20. Tennyson asks this concept, “How can thou let me waste my youth in sighs?” in a poem titled “O [this], Passing [this]!”. The poet of “The Destruction of Sennacherib” describes “the night / of cloudless climes and starry skies” with this word, which is also attributed to a woman who has “a mind at peace with all below, / a heart whose love was innocent!”. That Lord Byron poem is titled “She Walks In [this]”. This quality is the subject of a statement which “is all ye know on earth, and all ye need to know” in a poem describing a Grecian urn. For 10 points, name this attribute equated with truth by John Keats.

ANSWER: beauty <WR>

TB. At the beginning of this work, children celebrate in presto time with *Children's Galop and Dance of the Parents*. The *Dance Scene* accompanies Herr Drosselmeyer as he arrives with gifts for his grandson Fritz. The Tempo di Valse concludes a series of ethnic dances included the *Chocolate*, the *Coffee*, the *Dance of the Reed-Pipes*, and the *Trepak*. After saving the titular character from the Mouse king, Clara is brought on a journey by dolphins where she is thanked with foods from around the world. After the *Dance of the Sugar Plum Fairy*, Clara awakens in her parlor with a crown in her hand. For 10 points, name this ballet by Tchaikovsky about the titular Christmas toy.

ANSWER: *The Nutcracker* [or *Shchelkunchik*] <WH>

### **Round 05 – Bonuses**

1. Lygia exclaims, “The whole city seems on fire!” during Emperor Nero’s reign in one of his novels. For 10 points each:

[10] Name this Polish novelist of *Quo Vadis*. He also wrote the historical series *The Trilogy*, which details the battles of Andrzej Kmicic in its middle volume, *The Deluge*.

ANSWER: Henryk **Sienkiewicz** [or **Litwos**]

[10] The first volume of Sienkiewicz’s *The Trilogy* is a novel titled *With Fire and [this item]*. Durendal is an example of one of these items, described in the Matter of France as owned by a paladin of Charlemagne.

ANSWER: **sword**

[10] That aforementioned paladin is this man, who dies at the battle of Roncevaux Pass after blowing the horn Oliphant. His exploits are detailed in a namesake 12th century *Song*.

ANSWER: **Roland** <WR>

2. It was founded in 1775, with Benjamin Franklin as its chief officer. For 10 points each:

[10] Name this government agency which began selling 5 cent stamps for letters weighing less than an ounce in 1847. This constitutionally authorized agency annually performs Operation Santa Claus.

ANSWER: **United States Postal Service** [prompt on “Post Office” or “U.S. Mail”]

[10] The USPS was embroiled in a scandal during the Garfield administration over the bribing of officials for the awarding of contracts for these routes. Marked by a special label, they designated hard to reach rural areas.

ANSWER: **Star** Routes Scandal

[10] This delivery service, active between 1860 to 1861, followed a route that began in St. Joseph and ended in Sacramento. Personnel were required to be “young, skinny, wiry fellows not over eighteen”.

ANSWER: **Pony Express** [or **Central Overland California and Pike's Peak Express** Company] <ZZ>

3. At 173 gigaelectronvolts, the “top” flavor is the most massive of elementary particles to date. For 10 points each:

[10] Name this particle, discovered by Murray Gell-Mann, that comes in six flavors. One “down” and two “up” varieties of this particle form a proton.

ANSWER: **quark**

[10] The quark is an example of this class of particles named after an Italian physicist. Including leptons like neutrinos and electrons, they have spins of ½ and obey the Pauli exclusion principle.

ANSWER: **fermions**

[10] Neutrons are examples of these composite particles which be categorized as fermions because they are made up of 3 quarks. If they contain strange quarks but no charm or bottom quarks, they are known as hyperons.

ANSWER: **baryons** [prompt on “hadrons”] <WR>

4. It begins in *pianissimo* and, over the course of about 15 minutes, crescendos to “as loud as possible”. For 10 points each:

[10] Name this work of a French composer based on a Latin rhythm in ¾ time played on the snare drum. The tam-tam, cymbals and bass drum only play in the last 6 bars, which also features trombone glissandi.

ANSWER: **Bolero**

[10] This impressionist composer of *Bolero* also wrote the piano composition, *Gaspard de la nuit*. As part of the artistic group Les Apaches, he composed the five-movement *Miroirs*.

ANSWER: Maurice **Ravel**

[10] Ravel wrote this ballet in which Dorcon displays his grotesque dance in an attempt to woo the title character before being laughed away by youths. Ultimately, Pan saves the title couple from being separated by scaring away Bryaxis and his men.

ANSWER: **Daphnis et Chloé** [or **Daphnis and Chloe**] <WR>

5. It is connected to the East China Sea by Tsushima Strait. For 10 points each:

[10] Name this body of water bordered to the north by Russian coastal cities like Vladivostok and to the west by the Korean peninsula. This body contains Moneron Island owned by Sakhalin, known for its sea lions.

ANSWER: Sea of Japan [or East Sea]

[10] La Perouse Strait separates Sakhalin from this northernmost Japanese island famous for its Ainu population. Its city of Hakodate is the capital of Oshima Subprefecture.

ANSWER: Hokkaido [or Yezo]

[10] This city, the capital of Hokkaido, is also the seat of Ishikari Subprefecture. The only ordinance-designated city in Hokkaido, it is known as the site of the 1972 Winter Olympics as well as a namesake beer company.

ANSWER: Sapporo-shi <WR>

6. Chlorine has the highest value for this quantity, at negative 349 kilojoules per mole. For 10 points each:

[10] Name this property, the amount of energy given off when a neutral gaseous atom gains an electron. The “second” type of this property is measured during the formation of an ion with a charge of -2.

ANSWER: first electron affinity [prompt on partial]

[10] Electron affinity generally decreases going down a column of the periodic table, known as this. 18 of these are found on the periodic table, and all elements in them have the same number of valence electrons.

ANSWER: group [or family]

[10] This group of the periodic table is the only one where electron affinities always decrease with increasing atomic number. Elements in this group, which traditionally excludes hydrogen, have one valence electron.

ANSWER: alkali metals [or Group 1 or IA] <WR>

7. Answer some questions about a form of poetry for 10 points each.

[10] This lyric genre was originally used by Greeks to glorify an object. Although they classically included a strophe, antistrophe, and epode, John Keats’s poems of this form, including one “to a Nightingale”, did not.

ANSWER: odes

[10] One major form of classical ode is named for this Theban lyric poet, most famous for Victory Odes commemorating accomplishments at the Olympic Games.

ANSWER: Pindaros

[10] This Roman poet’s love odes were often addressed to a woman he identified as Lesbia, a Roman senator’s wife. His notoriously dirty “Carmen 16” throws homosexual insults at and threatens to rape Aurelius and Furius.

ANSWER: Gaius Valerius Catullus <WR>

8. Identify some major court cases in New York history for 10 points each.

[10] This case, which struck down an act that gave bakers shorter working hours, was the first case of its namesake era in which the court largely sided with businesses. In dissent, Justice Holmes declared that “the 14th Amendment did not enact Mr. Spencer’s *Social Statics*.”

ANSWER: Lochner v. *New York*

[10] This other case involving a namesake corporation centered in Brooklyn saw the Agricultural Adjustment Act get struck down. It is commonly known as the “sick chicken” case.

ANSWER: Schechter Poultry Co. v. *US*

[10] The supremacy of federal grants over state law was disputed in this case involving navigation rights in the waters around New York. Robert Fulton’s steamboat monopoly was broken up as a result of this case.

ANSWER: Gibbons v. Ogden <ZZ>

9. This work is subtitled “Which, when enlarged, will fill the sky.” For 10 points each:

[10] Name this series of sculptural abstractions depicting the motion of flight.

ANSWER: Bird in Space [or *L'Oiseau dans l'espace*]

[10] The sculptor of *Bird in Space* created multiple versions of this sculpture of an ovoid head on its side. Its egg-like shape suggests the birth of an idea.

ANSWER: Sleeping Muse

[10] This sculptor of *Maiastra*, *Sleeping Muse* and *Bird in Space* also depicted a French princess as a phallus in *Princess X* and created a series of 17 stacked rhombuses in *The Endless Column*.

ANSWER: Constantin Brancusi <MZ>

10. The strong position on this concept argues that a program could theoretically be conscious and have mental states. For 10 points each:

[10] Identify this concept that refers to a machine's ability to reason, plan, learn, and emulate other aspects of human cognition.

ANSWER: artificial intelligence [accept AI or machine intelligence]

[10] One method of assessing AI is this test, which an AI can pass if their behavior is indistinguishable from that of a human.

ANSWER: Turing test

[10] This thought experiment formulated by John Searle challenges functionalism and the validity of the Turing test. It involves using a list of input and output instructions to trick a native speaker of a certain language.

ANSWER: Chinese room experiment <MZ>

11. Its circumcenter, nine-point center and Torricelli points all lie on the same circle. For 10 points each:

[10] Name this polygon whose "scalene" variety is described in Lester's Theorem. This figure's internal angles sum to 180 degrees.

ANSWER: triangle

[10] The angles of a triangle can be related by this law, which states that the square of one side equals the sum of the squares of the other two sides minus a term containing the namesake trigonometric function.

ANSWER: law of cosines

[10] This theorem derived from the law of cosines is often formulated as  $man + dad = bmb + cnc$  (read letters individually), where  $d$  is a cevian which splits side  $a$  into segments  $m$  and  $n$ , and  $a$ ,  $b$  and  $c$  are side lengths.

ANSWER: Stewart's Theorem <WR>

12. Name some things about an empire from southern Africa for 10 points each:

[10] This powerful empire led by Shaka fought against Dutch settlers at engagements such as Blood River and was known for its usage of the iklwa and assegai as weapons.

ANSWER: Zulu

[10] Zulu forces fighting in close quarters annihilated a British column of about 1,800 led by Lord Chelmsford invading the Zululand in this opening engagement of the Anglo-Zulu Wars.

ANSWER: Battle of Isandlwana

[10] This Zulu king reigned during the Anglo-Zulu Wars, and was overthrown by the British following their victory at Ulundi. Following his overthrow the Zulu empire was broken up.

ANSWER: Cetshwayo kaMpande <ZZ>

13. At its end, the Abbess concludes that love is the bridge between the land of the living and the land of the dead. For 10 points each:

[10] Identify this novel in which Brother Juniper sets out to discover why the Marquesa, Pepita, Esteban, Uncle Pio and Jaime die in the collapse of the central structure.

ANSWER: *The Bridge of San Luis Rey*

[10] *The Bridge of San Luis Rey* is the second novel of this playwright of *The Long Christmas Dinner* who wrote about the Stage Manager and Grover's Corners in *Our Town*.

ANSWER: Thornton Wilder

[10] Heavily influenced by *Finnegans Wake*, this Wilder play centers on Sabina and the Antrobus family over a period of 5,000 years during an ice age, a flood, and a war.

ANSWER: *The Skin of Our Teeth* <MZ>

14. Answer these questions about gods of the dead, for 10 points each.

[10] This Greek god of the dead is also known as “The Rich One,” and famously captured Demeter’s daughter, Persephone, to be his wife. Hercules asked this god for his dog, Cerberus.

ANSWER: Hades or Plouton [do not accept “Pluto”]

[10] This Norse goddess is the daughter of Loki, and the world she rules bears her name. She is often described as half-flesh and half-black or rot, and with a generally melancholy air.

ANSWER: Hel

[10] Devi transformed into this Hindu goddess to slay the demon Raktabija, who is duplicated when his blood is spilled. She is depicted with black skin and standing on the corpse of Shiva, and is connected to empowerment, or shakti.

ANSWER: Kalika <PS>

15. Another character wonders if he always begins conversations by asking if the other party has six fingers. For 10 points each:

[10] Name this Spaniard who is finally able to kill Count Rugen. He does so while repeating a line in which he introduces himself and states “You killed my father. Prepare to die.”

ANSWER: Inigo Montoya

[10] Inigo Montoya and Fezzik accompany Westley on his quest to save Buttercup in this film that notably cuts the ambiguous ending of the William Goldman novel.

ANSWER: The Princess Bride

[10] After rescuing Westley from the machine, Inigo and Fezzik bring him to this man, who reveals that Westley is only “mostly dead”.

ANSWER: Miracle Max <MZ>

16. He helped the forces of Pedro the Cruel gain victories at battles such as Najera, though he is better known for never becoming king. For 10 points each:

[10] Identify this long-time British prince known for his armor. He won the Battle of Poitiers, capturing the French king John II.

ANSWER: Edward the Black Prince [or Edward of Woodstock; prompt on “Edward” or “Black Prince”]

[10] Edward the Black Prince also won this earlier battle in 1346 which demonstrated on a large scale the power of the longbow. The English king Edward III personally led forces near a windmill, with the archers deployed in a V-formation on both sides.

ANSWER: Battle of Crecy

[10] Edward the Black Prince was also the first member of this order, established by his father. It uses the cross of St. George on its coat-of-arms, and is the oldest chivalric order in England.

ANSWER: Order of the Garter [or Knights of the Garter] <ZZ>

17. In this novel, the ghosts of two gringos are said to guard the treasure on Azuera. For 10 points each:

[10] Name this work set in Sulaco, a town in Costaguana, in which the title character and Martin Decoud journey across the Golfo Placido to bury a stash of silver.

ANSWER: Nostramo

[10] In this novel by the author of *Nostramo*, Marlow recounts a footnote written by Kurtz that exclaims, “Exterminate all the brutes!”. Kurtz ultimately dies whispering, “The horror! The horror!”.

ANSWER: Heart of Darkness

[10] This Polish author of *Nostramo* and *Heart of Darkness* wrote about the Captain’s confrontation with his double, Leggatt, in “The Secret Sharer”.

ANSWER: Joseph Conrad <KX>



18. For 10 points each, name some people relating to the films of Elia Kazan.

[10] Kazan launched the career of this actor who played Stanley Kowalski in *A Streetcar Named Desire* and Terry Malloy in *On the Waterfront*. His other roles include motorcycle gang leader Johnny Strabler and Vito Corleone.

ANSWER: Marlon **Brando** Jr.

[10] This actor gained popularity after he appeared as the moody Cal Trask in Kazan's *East of Eden*. He died in a car crash a month after the release of *Rebel Without a Cause*, in which he played the angsty teenager Jim Stark.

ANSWER: James **Dean**

[10] This writer won an Oscar for his screenplay for a Kazan film about Deanie and Bud, *Splendor in the Grass*. His plays include *Picnic* and one in which characters are trapped at the title location during a snowstorm, *Bus Stop*.

ANSWER: William **Inge** <MZ>

19. For 10 points each, name the following about processes that occur when DNA is irreparably damaged:

[10] This process of programmed cell death includes blebbing, cell shrinkage, and DNA fragmentation. Excessive occurrence of this leads to atrophy.

ANSWER: **apoptosis**

[10] This term, which describes the biological aging of cells or organisms, is the process by which diploid cells lose their ability to divide. In plants, ethylene gas stimulates ripening as well as this process in flowers and leaves.

ANSWER: cellular **senescence**

[10] Senescence is minimal in this genus of small freshwater cnidarians. These organisms, consisting of several tentacles and a two-layer-thick cylinder of cells, exhibit budding and impressive regenerative abilities.

ANSWER: **Hydra** <SH>

20. Radcliffe-Brown proposed that this concept, exemplified by Melanesian “mana,” enforced social values. For 10 points each:

[10] Name this concept which, along with “Coral Gardens,” titles a Malinowski book which analyzes agricultural practices of Trobriand Islanders. In “A General Theory of” this concept, Mauss contrasts it with religion.

ANSWER: **magic**

[10] This anthropologist suggested that societies first believed in magic, before progressing to religion and science, in his tome of comparative mythology, *The Golden Bough*.

ANSWER: James George **Frazer**

[10] Frazer connected the myth of Danae to these rituals for pubertal girls, and Arnold van Gennep described them as breaking off into a new social state. During Poy Sang Long, Burmese monks-to-be undergo this by imitating Buddha's path to enlightenment.

ANSWER: **rites of passage** [prompt on partial] <WR>

TB. Poets who wrote in this form include Koi Nagata, Issa, and Masaoka Shiki. For 10 points each:

[10] Identify this poetic form that developed from the opening stanza of the renga. Often containing a “cutting word”, it consists of three phrases of 5-7-5 *on*, or syllables.

ANSWER: **haiku**

[10] This Edo poet and author of *The Seashell Game* took his name from a banana tree. He was known for his haiku, many of which appear in *The Narrow Road to the Deep North*

ANSWER: Matsuo **Bashō** [or **Matsuo** Kinsaku]

[10] This poetic form consists of a pattern of 5-7-5-7-7 *on*. Once considered stiff and outdated, it has regained popularity since Masaoka Shiki's modernization efforts.

ANSWER: **tanka** <MZ>