

WHAQ (Washington High Academic Questionfest) III: Miami Vice
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Packet 13

Tossups

1. **This painter depicted a room full of red-robed members of the House of Lords gathering around the title figure, who collapsed during a debate on the American War for Independence. In addition to *The Death of the Earl of Chatham*, this artist depicted his stepbrother Henry Pelham holding the title animal on a gold chain in one portrait. This man's most famous painting depicts a group of men attempting to save a boy named Brook in (*) Havana harbor from the title animal. *Boy with a Squirrel* was painted by, for 10 points, what Anglo-American artist who painted *Watson and the Shark*?**
ANSWER: John Singleton **Copley** <Visual FA> <Tyler Benedict>/<ed. CW>

2. **This author wrote a novel that takes its title from Isaiah chapter 21, verse 6 and ends with the protagonist making a date with Hank Clinton while “accepting her father to the human race” after discovering a racist pamphlet entitled “The Black Plague.” This author wrote a (*) sequel to a novel that includes a court case involving Bob Ewell's [“you-well's”] false rape accusations against Tom Robinson. For 10 points, name this author of *Go Set a Watchman*, a sequel to her novel about the upbringing of Jem and Scout, *To Kill a Mockingbird*.**
ANSWER: Harper **Lee** [or Nelle Harper **Lee**] <American Lit> <Carrie Derner>/ <ed. ME>

3. **It was announced that October of 2018 would be the first time for an Asia-Pacific version of this event to be broadcasted. Australia debuted in this event in 2015 and received their worst result in 2017, possibly due to a prankster who wore the Australian flag and mooned the audience. Upon President Georges Pompidou's death in 1974, France, one of the “Big Five” in this annual contest, dropped out. Ironically, the winners of that year performed with their orchestra conductor dressed as (*) Napoleon. For 10 points, name this longest-running international TV contest, which was won in 1974 by ABBA's song “Waterloo.”**
ANSWER: **Eurovision** Song Contest [or any answer containing **Eurovision**; prompt on **ESC**, but do NOT accept Junior Eurovision Song Contest] <Trash> <Audrey Bush>/<ed. SP>/<ed. JO>

4. **SERMs are drugs that act on the receptor for these compounds. Tissue-specific antagonists for these compounds, such as tamoxifen and raloxifene, can prevent osteoporosis. Aromatase, which produces one of these compounds from testosterone, is inhibited by certain drugs that treat (*) breast cancer. These hormones are mostly produced in the ovaries, and they also come in forms E1 and E2. Both the levels of progesterone and these hormones decrease during menopause. For 10 points, name these primary female sex hormones.**
ANSWER: **estrogens** [or **estradiol**; or **estriol**; or **estrone**; prompt on **steroid** hormone(s) or **sex** hormone(s) before “sex hormones” is read] <Biology> <David Dennis>/<ed. AR>

5. Antonio Robles argued that he should be considered one of these people while trying to retrieve property seized by the English. These people were the subject of the Whitehall Conference called by Oliver Cromwell, who overturned Edward I's Edict of Expulsion. These people created the "Festival of Santa Esterica" in order to practice their (*) faith in secret. These people were called *marranos* after the Alhambra Decree, which expelled people of this faith from Spain. These people's resettlement in England was advocated for by Menasseh ben Israel. For 10 points, name these people who worship at the Ancient Synagogue in Barcelona.

ANSWER: Jews [or specific answers, such as Jews in Spain or Jews in England; or Hebrews since that was central to the Robles case; or marranos before it is read; prompt on conversos by asking "what faith do they practice?"] <European History> <Tyler Benedict>/<ed. JO>

6. In Korean folklore, King Jumong used his bow and arrow to summon a bridge made up of these animals. In Chinese mythology, Nu Wa cut off the legs from one of these animals to hold up the sky. During the Samudra Manthan, Mount Mandara was balanced on the back of one of these animals named (*) Kurma. Sciron fed men to one of these animals, and Hermes used a bull's entrails and these animals shells to create the lyre. For 10 points, name these reptiles that support elephants who support the world in Hindu cosmology, and who carry the world in several Native American mythologies.

ANSWER: turtle [or tortoises] <Mythology> <Brad McLain>

7. One event of this type occurred in response to the actions of Charles Smythe and Seymour Price and was referred to as "The Hairpin Drop Heard Around the World." A central location in one event of this type was referred to as "Times Square," and participants in that event took control of the D Yard. In addition to events of this type at Stonewall Inn and Attica Prison, an event of this type called (*) Draft Week required Lincoln to send several regiments to put it down. For 10 points, name this general type of event that occurred in New York City in 1863 in response to Civil War draft policies.

ANSWER: riot [or uprising; or revolt; or rebellion; or Stonewall riots/revolt/uprising/rebellion; or Attica Prison riot/revolt/uprising/rebellion; or draft riots] <American History> <Aleija Rodriguez>/<ed. CW>

8. In this novel, one character's father notes "from this day you must be a stranger to one of your parents" after a clergyman notes how "headstrong" she is, and later in this novel, her teeth are described as "tolerable" by Miss Bingley. A neighbor to the central family in Longbourne, (*) Charlotte Lucas, marries Mr. Collins in this novel -- while Lydia elopes with disgraced militia officer George Wickham. Three of the Bennet sisters marry in, for 10 points, what novel focusing primarily on Elizabeth's decision to marry Mr. Darcy, written by Jane Austen?

ANSWER: Pride and Prejudice <British Lit> <Carrie Derner>/<ed.. ME>

9. Applying the Weierstrass [*“vay-er-stross”*] substitution sets this function equal to t over $1 + t^2$, where t is equal to \tan of x over 2 . The imaginary part of a complex number in polar coordinates is equal to this function applied to θ . The Taylor series for this function only has odd powered terms. The ambiguous case may apply when using the (*) “Law of” this function for determining angles and sides in a triangle. This function’s derivative is cosine and its reciprocal is the cosecant function. For 10 points, name this trigonometric function, found by dividing an angle’s opposite side by the hypotenuse.

ANSWER: sine [or law of sines; or equivalents, such as sine of x] <Other Science> <Amay Kejriwal>/<ed. AR>

10. To oppose this politician, the Party of Hope and its “12 zeros” platform were formed hours prior to his calling of a snap election. The approval of a private veterinary school caused this man to face allegations of favoritism, and the wife of this politician has faced scandals due to her ties to a nationalist elementary school. This leader has advocated for the revision of Article 9 of his country’s (*) pacifist constitution and for the “Three Arrows” of his namesake economic program. For 10 points, name this Chairman of the Liberal Democratic Party and current prime minister of Japan.

ANSWER: Shinzo Abe [or Abenomics] <Current Events> <Max Shatan>/<ed. DD>

11. An element in this group yields two peaks of equal height separated by two mass units in mass spectrometry. In 2016, the heaviest element in this group was named after the state of Tennessee. Neil Bartlett combined one of these elements with platinum to synthesize the first (*) noble gas compound. This is the only group which has members existing in solid, liquid, and gaseous states at room temperature. Sodium combines with an element from this group to form table salt. Elements in this group often have a charge of -1. For 10 points, name this group of elements that includes chlorine and fluorine.

ANSWER: halogens [or Group 7A; or Group 17] <Chemistry> <Silas Clements>/<ed. AR>

12. A ruler of these people split his army into sections called *mighghans* [*“mig-GHANZ”*] and *tumens* [*“too-menz”*]. A leader of these people wrapped up Al-Musta’sim [*“all-moo-stah-simm”*] in a rug and had him trampled to death. That leader of these people destroyed buildings such as the Grand Library, which allegedly caused the Tigris to run black with ink. These people flung plague-infested corpses into Caffa [*“cah-FAH”*], which some scholars theorize led to the spread of the (*) Black Plague in Europe. These people were led by Hulagu during the 1258 sack of Baghdad, and they ruled the largest contiguous land empire in history. For 10 points, name these people from the steppes of Central Asia, who were led by Genghis and Kublai Khan.

ANSWER: The Mongols [or Mongol Empire; or menggu ren; or Mongolyn Ezent Guren] <World History> <Aleija Rodriguez>/<ed. JO>

13. In one work, this thinker identified four modes of creating distance between the self and personal problems. In another work, this thinker described idealized masculinity with the ideas of “guiding friction” and “guiding principle.” This thinker applied the Nietzschean idea of “will to power” to (*) psychotherapy. This psychologist studied the ways that birth order affects personality. After splitting with Freud, this thinker founded individual psychology. For 10 points, name this Austrian psychologist who wrote *The Neurotic Constitution* and coined the term “inferiority complex.”

ANSWER: Alfred W. Adler <Social Science> <Brad McLain>

14. In this novel, the guitarist Scholle joins a band that practices near the Rhine River with Klepp and the protagonist. That band in this novel is invited to play at a nightclub where guests are given onions to cut when they walk in. In this novel, the protagonist becomes intimate with (*) Dorothea after being rejected by Maria. The main character can shatter glass with his voice and decides to stop growing at the age of three in this first novel of the Danzig Trilogy. For 10 points, name this novel where Oskar Matzerath plays the title instrument, written by Günter Grass.

ANSWER: *The Tin Drum* [or *Die Blechtrommel*] <European/World Lit> <David Dennis>/<ed. ME>

15. A tradition of walking barefoot in the morning of this day stems from a line in a hymn starting “on our dryness pour thy dew.” This event, which precedes the second period of Ordinary Time, is celebrated using red roses and red clothing in the Roman Rite. This festival is related to the Jewish holiday that commemorates the giving of the law to Moses, (*) Shavuot [“*Sha-vu-oat*”]. In Acts, on this day people experienced a “strong wind” and “tongues of fire” as the Holy Spirit descended on them. For 10 points, name this holiday, also known as Whitsunday, celebrated 50 days after Easter.

ANSWER: Pentecost [or Whitsunday or White Sunday before “Whitsunday” is read] <Religion> <Silas Clements>/<ed. AR>

16. A composer from this country was named Cavaliere of the Italian Crown for his opera *Il Guarany*, which concerns tribes at war in this country. One composer from this country moved to Paris after the 1922 Modern Art Week, and wrote nine suites fusing styles such as *choro* and *embolada*, with the techniques of J.S. Bach. One style of music from this country was popularized by Stan Getz with (*) Astrud and João [“*joo-ow*”] Gilberto. For 10 points, name this country, home to Antonio Carlos Gomes and Heitor Villa-Lobos, as well as Antonio Carlos Jobim [“*joe-beem*”], considered by many as the founder of *Bossa Nova*.

ANSWER: Brazil [or República Federativa do Brasil] <Auditory FA> <Max Shatan>/<ed. DD>

17. **Two answers required.** Sailors from one of these countries taunted the other country's merchant vessel *Pembroke* with shouts of "Drive out the barbarians!" That resulted in these two countries clashing in a naval battle that saw David McDougal's ship *Wyoming* sink two enemy vessels. One of these countries imprisoned immigrants that came from the other country in internment camps after (*) Executive Order 9066 was issued. A naval battle between these nations resulted in the sinking of the aircraft carrier *Yorktown*. For 10 points, name these two countries, one of which dropped atomic bombs on the other to end World War II.

ANSWER: the United States of America and Japan [or Japan and the United States of America; or Japan and the U.S.A.; accept Nippon in place of Japan, as well as any clear-knowledge reference to the USA] (Editor's note: The first battle clued is the Battle of Shimonoseki Straits) <Misc. History> <Tyler Benedict>/<ed. JO>

18. **In one novel, a woman described by this adjective is switched with Laura Fairlie -- causing Laura to be sent to an asylum as Anne Catherick, who insists on wearing clothes of this color in a Wilkie Collins' novel. This color titles a novel that opens with Archie Jones attempting to commit suicide, written by (*) Zadie Smith.** An animal of this color takes a watch out of its waistcoat-pocket and exclaims "Oh dear! I shall be too late!" For 10 points, name this color, an epithet that Gandalf obtains in *The Two Towers* and the color of the rabbit in *Alice's Adventures in Wonderland*.

ANSWER: White [or *The Woman in White*; or *White Teeth*; or Gandalf the White; or white rabbit] <British Lit> <David Dennis>/<ed. ME>

19. **This island is home to the city of Mayaguez, which lies on the eastern shore of the Mona passage. SETI [“set-ee”] used the radio telescope at its Arecibo Observatory. Taíno petroglyphs on this island can be found in the habitat of the coquí tree frog, the El (*) Yunque [“yoon-kay”] tropical rainforest.** The fort of San Felipe del Morro is located in its capital city, and other cities on this island include Bayamón and Ponce. San Juan is the capital of, for 10 points, what U.S. Caribbean island territory, which was devastated by Hurricane Maria?

ANSWER: (Commonwealth of) Puerto Rico <Geography> <John John Groger>/<ed BM>

20. **An oscilloscope can display the Lissajous [“liss-ah-joos”] curves of harmonographs which are created by these devices. Christiaan Huygens developed a clock using this device to keep time. The center of these systems at its highest point and stopped position maintains an angle of 20 degrees or less, allowing for the approximation that theta equals the sine of theta for these systems. On Earth, the (*) period of these systems can only be affected by changing the length, as it is mass independent.** For 10 points, name this simple harmonic oscillator, a weighted body suspended from a pivot point.

ANSWER: pendulums [or Huygens' pendulum; or Blackburn pendulum; prompt on simple harmonic oscillator before it is read] <Physics> <Ganon Evans>/<ed. AR>

Tiebreaker. **To obtain a weapon, one character in this novel dives beneath the river of an iron bridge near the Mountain of Flowers and Fruit. “Fiery eyes” are obtained by a character in *this novel* after being imprisoned in a cauldron for 49 days. That character is subsequently trapped under a (*) mountain for five hundred years before joining Sandy and Pigsy in accompanying Tang Sanzang to atone for their past misdeeds. For 10 points, name this classical Chinese novel about the monkey king Sun Wukong travelling with a monk to India.**

ANSWER: *Journey to the West* [or *Xi You Ji* [*“shee-yo-jee”*]] <European/World Lit> <Carrie Derner>/<ed. ME>

Bonuses

1. A legend suggests that a prince of this dynasty invented tofu because his parents couldn't chew soybeans. For 10 points each:

[10] Name this Chinese dynasty founded by Liu Bang, which names the largest ethnic group in China and was preceded by the Qin [*“chin”*] dynasty.

ANSWER: **Han** dynasty

[10] This first emperor of the Qin [*“chin”*] dynasty, and of a unified China, burned hundreds of Confucian texts and buried scholars alive. His mausoleum contains the “Terracotta Army.”

ANSWER: Qin **Shi Huangdi** [or **Shih-huang-ti**; or **Zhao** Zheng; or **Ying** Zheng; or King **Zheng** of Qin]

[10] These siblings led a rebellion in Vietnam during the Han invasion and allegedly committed suicide by jumping into the Hat Giang River rather than be killed by Ma Yuan's army.

ANSWER: the **Trung** Sisters [or **Trung Trac and Trung Nhi**] <Misc. History> <Aleija Rodriguez>/<ed. JO>

2. One dance in this country concerns the battle between Barong and Rangda. For 10 points each:

[10] Name this nation, whose island of Bali has music and dance traditions that have been influenced by its Hindu population.

ANSWER: **Indonesia** [or Republic of **Indonesia**; or Republik **Indonesia**]

[10] This traditional orchestra from Bali influenced western composers such as Bartok and Debussy. This type of ensemble is mostly made up of percussion instruments such as gongs, metallophones, and drums.

ANSWER: **gamelan**

[10] An army of these animals are evoked in the Balinese trance ritual dance of Tari Kecak, a vocal *gamelan suara* that features a polyrhythmic chant meant to portray these animals as it recreates a battle from the Ramayana.

ANSWER: **monkey** <Misc. FA> <John John Groger>/<ed. DD>

3. This poem describes how the title “eagle of the sea” will be plucked by the “harpies of the shore.” For 10 points each:

[10] Name this poem whose speaker wishes the title entity should rather “sink beneath the wave” as a gift to the “god of storms” instead of being decommissioned.

ANSWER: **Old Ironsides**

[10] This author penned “Old Ironsides.” This Fireside poet praised the “silent toil” the title creature spent growing its “lustrous coil” shell in “The Chambered Nautilus.”

ANSWER: Oliver Wendell **Holmes**, Sr.

[10] “Old Ironsides” is a poem about this Navy vessel, named after a 1787 historical document. This oldest floating commissioned ship earned her nickname in the War of 1812, and Holmes's poem helped save her from the scrapyard.

ANSWER: USS **Constitution** [or USS Old **Constitution**] <American Lit> <Ganon Evans>/<ed. ME>

4. The Supreme Court overturned laws mandating that this substance be pink, and sale of any color was prohibited in Canada until 1948. For 10 points each:

[10] Name this substance that contains a fatty acid discovered by French chemist Michel Eugene Chevreul [“*chev-rool*”]. This substance consists of fat or oil dispersed in an aqueous milk portion.

ANSWER: **margarine** [or **oleomargarine**; or **oleo**]

[10] Production of solid margarine from various liquid fats requires a hydrogenation reaction, in which this element is added. This +1-charged ion of this element is equivalent to a proton.

ANSWER: **hydrogen** [or **H**]

[10] The hydrogenation of oils to produce margarine often uses this metal as a catalyst, which is purified in the Mond process. The Raney type of this element is also commonly used for hydrogenation reactions.

ANSWER: **nickel** [or **Ni**] <Chemistry> <David Dennis>/<ed. AR>

5. Steve Reich’s *Clapping Music*, where two parts repeatedly play the same one-measure of rhythm in 6/4 time, is in this musical style. For 10 points each:

[10] Name this musical style, exemplified by Reich’s *Different Trains*, Philip Glass’ *Einstein on the Beach*, and Terry Riley’s *In C*.

ANSWER: **minimalism**

[10] Reich commonly uses this physical medium in making his compositions. His *It’s Gonna Rain* features one taken of a Pentecostal street preacher and a flapping pigeon.

ANSWER: **tape** [or a **recording**]

[10] *Clapping Music* and *It’s Gonna Rain* both employ this minimalist compositional technique, wherein after a number of repeats, one part keeps shifting out of unison until rejoining the other at the very end.

ANSWER: **phasing** [or **phase shift**] <Auditory FA> <David Dennis>

6. This play premiered on London’s West End in 1952 and has continued its initial run ever since, setting a theater record with over 26,000 shows and counting. For 10 points each:

[10] Name this play that takes place at Monkswell Manor in the middle of a snowstorm. After each performance, the cast traditionally requests that the audience not reveal this play’s twist ending.

ANSWER: *The **Mousetrap***

[10] This author of the play *Mousetrap* created the detectives Miss Marple and Hercule Poirot [“*Air-cule Pwa-roh*”].

ANSWER: Dame Agatha **Christie** [or Dame Agatha Mary Clarissa **Christie**; accept **Miller** in place of “Christie;” or Lady **Mallowan**; or Mary **Westmacott**]

[10] In this Agatha Christie novel, Hercule Poirot concludes that twelve passengers on the title train stabbed Mr. Ratchett to avenge the death of Daisy Armstrong.

ANSWER: ***Murder on the Orient Express*** <British Lit> <Tyler Benedict>/<ed. ME>

7. In one book, this thinker argued that the ideas of “idealistic violence” and “absolute goodness” were just as threatening as “absolute evil. For 10 points each:

[10] Name this author of *The Origins of Totalitarianism*. This thinker also popularized the term “banality of evil” in her book *Eichmann in Jerusalem*.

ANSWER: Hannah **Arendt** [or Johanna Hannah **Arendt** Bluecher]

[10] In her book titled *On (this event)*, Arendt argued that Billy Budd was actually an allegory for an 18th century one of these events. Thomas Kuhn described the *Structure of Scientific* kinds of them.

ANSWER: **revolutions** [or *On **Revolution***; or the *Structure of Scientific **Revolutions***]

[10] Arendt wrote the introduction for this thinker’s book *Illuminations*. He is better known for his concept of aura which he discussed in *The Work of Art in the Age of Mechanical Reproduction*.

ANSWER: Walter **Benjamin** [or Walter Bendix Schönflies **Benjamin**] <Philosophy> <Spencer Johnson>/<ed BM>

8. The trigger mechanism for used in this endeavor was produced at the Runnymede Playhouse in Oakwood, a part of larger research operations around Dayton, Ohio. For 10 points each:

[10] Name this program with centers including Clinton Engineer Works in Oak Ridge and the Hanford Site.

ANSWER: **Manhattan** Project

[10] The Manhattan Project conducted the Trinity test in New Mexico, which was the first use of this general type of weapon.

ANSWER: **atomic bomb** [or **nuclear bomb**; or **nuclear** weapon; or **atomic** weapon; do NOT accept or prompt on “Hydrogen bomb” or “H-bomb”]

[10] This “father of the atomic bomb” directed the Los Alamos Laboratory during the Manhattan Project. He was later stripped of his security clearance during the Red Scare.

ANSWER: J. Robert **Oppenheimer** [or Julius Robert **Oppenheimer**] <American History> <John John Groger>/<ed. CW>

9. Answer some questions about your favorite food, mythological grain. For 10 points each:

[10] Lu Dongbin had a dream about passing the Imperial exams while cooking his yellow millet. Lu was one of the Eight Immortals of this beliefs system, which also examines the concept of Wu-wei, or non action.

ANSWER: **Daoism** [or **Taoism**; or **Daojiao**]

[10] In Mayan myth, the Hero Twins replace Seven Macaw’s teeth with this grain. In other Mesoamerican myths, humans are often made of this grain. It makes up the Three Sisters with squash and beans.

ANSWER: **Maize** [or **corn**]

[10] In Irish myth, one of these animals gives birth to wheat, barley and rye. In addition to Henwen, another of these animals was the Erymanthian one hunted by Heracles, and one of them gored Adonis to death.

ANSWER: **boar** [or the Erymanthian **boar**; or **pig**; or **sow**] <Mythology> <Brad McLain>

10. Eleven years after this agency lost the *Beagle 2* lander, NASA's Mars Reconnaissance Orbiter spotted the wreckage. For 10 points each:

[10] Name this space agency that built the *Huygens* lander, which was sent to Saturn with NASA's *Cassini*. This agency, which consists of 22 countries, is headquartered in Paris, France.

ANSWER: **European** Space Agency [or **ESA**]

[10] After a 10-year trip, this spacecraft reached and began to orbit Comet 67P in 2014. This spacecraft's Philae lander skidded into a shadowy zone and managed 60 hours of work on batteries.

ANSWER: **Rosetta**

[10] Many ESA missions are launched from this French department near the city of Kourou. France started using the base in this place in 1964 to launch satellites, as its location near the equator is highly useful.

ANSWER: **French Guiana** <Other Science> <David Dennis>/<ed. AR>

11. The *abhaya* ["a-BYE-a"] type of these things involves holding the right hand upright, and the *dhyana* ["DHYAA-na] type involves placing both hands in the lap. For 10 points each:

[10] Name these ritual gestures that are created by the hands and fingers. The *jnana* ["NYA-na"] type of these postures involves touching the index finger to the thumb.

ANSWER: **mudras**

[10] Mudras are commonly during this practice, which has zazen and vipasanna types in Buddhism. This practice can involve chanting to focus the mind or mindfulness.

ANSWER: **meditation**

[10] Mudras are also involved in this practice, which includes both physical *asanas* ["AA-sa-nas"] and *pranayama* ["PRA-na-YA-ma"]. Patanjali ["pat-AN-jali"] wrote Sutras named for this discipline.

ANSWER: **yoga** <Religion> <Ashwin Ramaswami>

12. This country gained its independence in the May Revolution, which is commemorated by the Plaza de Mayo square in its capital city. For 10 points each:

[10] Name this country, where cowboys who raised cattle on the Pampas, called gauchos, provided support to several of its early military dictators. This country was the home of Jose de San Martin.

ANSWER: **Argentina** [or the **Argentine** Republic; or Republica **Argentina**]

[10] This man, the first leader of Gran Colombia, held the Guayaquil ["guy-uh-keel"] Conference with Jose de San Martin. This "Liberator" also conducted the Admirable Campaign, which freed Venezuela.

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

[10] The Guayaquil ["guy-a-keel"] Conference was hosted in this modern-day country, which was where the Albion Legions used a terrain advantage to defeat Melchor Aymerich's army at the Battle of Pichincha ["pee-chin-cha"].

ANSWER: **Ecuador** [or the Republic of **Ecuador**; or Republica de **Ecuador**] <World History> <Aleija Rodriguez>/<ed. JO>

13. "We hope to die on the same day, in the same month and in the same year." For 10 points each:
[10] Identify this event that those words are spoken during. This event unites three men as brothers and takes place in Chapter One of a historical novel featuring the Battle of the Red Cliffs.

ANSWER: **Oath** of the **Peach Garden** [accept **Tao-yuan san jie-yi** ["*tao yuu-en san jee-yay ee*"]]

[10]The Oath of the Peach Garden takes place in this novel by Luo Guanzhong, which centers on the states of Wei, Shu, and Wu, and ends with the founding the Jin dynasty by Sima Yan.

ANSWER: **Romance of the Three Kingdoms** [or **San Guo Yan Yi** ["*san g-oo-uh yan ee*"]]

[10] *Romance of the Three Kingdoms* is one of the Four Great Classical Novels of this Asian country, whose modern novelists include Gao Xingjian.

ANSWER: **China** <European/World Lit> <William Groger>/<ed. ME>/<ed. JO>

14. The Selenga River provides roughly half of the inflow into this lake. For 10 points each:

[10] Name this Siberian lake, the oldest and deepest freshwater lake in the world.

ANSWER: Lake **Baikal**

[10] This other lake is part of a canal system that links the White Sea to the Baltic. The Republic of Karelia's capital of Petrozavodsk lies on the shores of this lake.

ANSWER: Lake **Onega**

[10] This other lake is the largest freshwater lake in Europe. St. Petersburg lies near its shores and it is separated from the Gulf of Finland by the Karelian Isthmus.

ANSWER: Lake **Ladoga** <Geography> <David Dennis>/<ed BM>

15. *Note to Moderator: Please do not reveal the prompt in the first part of the bonus, as it will reveal the answer to the second part. Thanks!*

These infectious agents, which lack nucleic acids, are formed when a certain molecule changes its structure to form fibrils made of four-rung beta-solenoid units. For 10 points each:

[10] Name these infectious agents. Diseases caused by these agents include multiple system atrophy, Creutzfeldt–Jakob disease, and mad cow disease.

ANSWER: **prions** [prompt on, but do NOT reveal, **protein(s)**]

[10] Prions consist of "misfolded" examples of these complexes, made of polypeptide chains. Alpha-helices and beta-sheets can comprise the secondary structure of these biomolecules.

ANSWER: **proteins**

[10] Prions can cause this neurodegenerative disease in sheep and goats. This name for this disease comes because affected animals feel an itching sensation and rub their fleeces off.

ANSWER: **scrapie** <Biology> <David Denni>/<ed. AR>

16. This man witnesses the ghosts of Henry Hudson's crew playing ninepins and feels exhausted after drinking from their keg. For 10 points each:

[10] Name this man, who journeys to the Catskill Mountains and returns to discover the changes of the American revolution after falling asleep for twenty years.

ANSWER: **Rip** Van Winkle [or Rip **Van Winkle**]

[10] "Rip Van Winkle" is by Washington Irving, who also wrote this story that ends with Brom Bones marrying Katrina van Tassel after Ichabod Crane has an encounter with the Headless Horseman.

ANSWER: "The **Legend of Sleepy Hollow**"

[10] Perhaps one of Washington Irving's greatest impacts on history was perpetuating a myth about the knowledge of Europeans with a biography on this Italian.

ANSWER: Christopher **Columbus** [the myth is that Europeans thought the earth was flat] <American Lit> <William Groger>/<ed. ME>

17. A candle holder with 5 slots sits at the bottom of this painting under its central figure. For 10 points each:

[10] Name this chaotic painting that illuminates the central figure while fires occur on the top right and soldiers charge in on the top left. This painting's artist also painted a "Yellow" version of the same scene.

ANSWER: **White Crucifixion**

[10] This other painting by the artist of *White Crucifixion* depicts two large heads wearing rosary necklaces. A man with a scythe and a woman fiddling on top of an upside-down house can be seen at the top of this painting.

ANSWER: **I and the Village**

[10] This Belarusian artist painted *White Crucifixion* and *I and the Village*, as well as *Self-Portrait with Seven Fingers*.

ANSWER: Marc **Chagall** <Visual FA> <Aleija Rodriguez>/<ed. CW>

18. This woman supported her son, Henry the Young King, in a revolt against her husband, Henry II, leading to her imprisonment. For 10 points each:

[10] Name this woman, the mother of Richard the Lionheart and King John of England.

ANSWER: **Eleanor** of Aquitaine [or **Eleanor** of Guyenne; or **Eleonore** d'Aquitaine; or **Alienor** d'Aquitaine]

[10] Before she married Henry II, Eleanor was the wife of Louis VII, king of this country. A rock crystal vase that Eleanor gave to Louis as a wedding present now sits in this country's Louvre.

ANSWER: **France** [or **French** Republic; or Republique **Francaise**]

[10] Eleanor accompanied Louis during this war, during which she may have led a group of ladies dressed as Amazons. This war was a disaster for Louis, with defeats at Damascus and Mount Cadmus.

ANSWER: **Second** Crusade [prompt on **Crusades**; do NOT accept any other-numbered crusade] <European History> <Tyler Benedict>/<ed. JO>

19. An empirically-determined constant equal to around 364 nanometers appears in this equation, which involves electron transitions to the $n = 2$ energy level. For 10 points each:

[10] Name this equation, which describes a series of spectral emission lines in the hydrogen atom. The H-alpha line was first determined using this equation.

ANSWER: **Balmer** equation [prompt on the Rydberg Formula]

[10] The Balmer formula is generalized by the Rydberg [*“rid-berg”*] Formula for all elements by multiplying it by the square of this quantity. This quantity is equal to the number of protons in an element.

ANSWER: **atomic number** [prompt on Z]

[10] This scientist argued that the wavelengths from the Rydberg Equation represented the photon energy from atoms jumping from circular orbitals in his improvement on the Rutherford model of the atom.

ANSWER: Niels **Bohr** <Physics> <Ganon Evans>/<ed. AR>

20. Groovy baby! Prepare to answer some shagadelic bonuses. For 10 points each:

[10] This title “International Man of Mystery” of three James Bond parody films was cryogenically frozen and thawed thirty years later after the re-emergence of Dr. Evil’s Big Boy statue in Earth’s atmosphere.

ANSWER: Austin **Powers** [or **Austin** Powers]

[10] This actor starred in all of the *Austin Powers* films. Before his box office flop *The Love Guru*, this man voiced a character who analogizes onions to ogres while on a quest for Princess Fiona in *Shrek*.

ANSWER: Mike **Myers** [or Michael John **Myers**]

[10] Austin Powers, Dr. Evil, Fat Bastard, and Goldmember all share this trait.

ANSWER: they’re all **played by the same person** [or they’re all **played by the same actor**; or a description, such as **Myers plays all** of those **characters**] <Trash> <Ganon Evans>/<ed. SP>