

**Bulldog High School Academic Tournament XXI (2012): Oh God, Not the Spider Cows!**  
**Written by Yale Student Academic Competitions**  
**Edited by Matt Jackson, with John Lawrence, Ashvin Srivatsa, and Sam Spaulding**

**Round 13 Tossups**

1. This event is celebrated on Belgrave Road in Leicester in Britain for thousands of visitors each year. Some regional variants include a morning bath in sesame oil. On the last day of this holiday, sisters customarily host their brothers at their homes. Before it, believers draw radial chalk designs called *rangoli* to welcome the goddess of wealth. Celebrated on a new moon in late autumn, it celebrates the slaying of the demon Naraka and the return of Rama. An offering to Lakshmi is performed during, for 10 points, what five day Indian festival, whose use of oil lamps and lanterns leads it to be called the “festival of lights”?

ANSWER: Diwali [or Divali; or Deepavali] <SSp>

2. The primary use of this chemical is the solubilization of phosphates to increase their bioavailability. The modern method of synthesizing this compound performs oxidation in the presence of a vanadium oxide catalyst to yield a dehydrated dimer of this compound which fumes. That dimer is then hydrated to yield this compound, a powerful drying agent which contains a nonmetal in a plus-6 oxidation state. Owing to its plethora of uses in industry, more of it is manufactured than any other chemical, typically by the contact process. For 10 points, name this strong diprotic acid with molecular formula  $\text{H}_2\text{SO}_4$ .

ANSWER: sulfuric acid [or  $\text{H}_2\text{SO}_4$  before it is read; accept oil of vitriol and award the answerer a Nobel prize for apparently having developed a way to travel to 2012 from the 1800s] <IP/AS>

3. One of this composer’s works has been performed at every British coronation ceremony since its composition. In addition to the anthem *Zadok the Priest*, he wrote a piece with movements entitled “La Paix” and “La Réjouissance.” Another orchestral work features a hornpipe movement in its D-major second suite. The line “and he shall reign for ever and ever” forms a fugue a movement from one of his oratorios, and one of his pieces is so titled because it was originally performed on a royal barge on the River Thames. For 10 points, name this German-born Baroque composer of *Music for the Royal Fireworks*, *Water Music*, and *Messiah*, known for its “Hallelujah” chorus.

ANSWER: George Frideric Handel [or Georg Friedrich Handel] <KK>

4. One ruler of this empire executed his brother Dara Shikoh. This dynasty put the Koh-i-Noor diamond into a jewel-encrusted throne it built in the shape of the tails of two peacocks, which Persia later captured. This empire was antagonized by the Maratha confederacy under Shivaji. This dynasty’s founder used guns against the war elephants of Ibrahim Lodi’s sultanate at Panipat, and its powerless shell was absorbed by Victorian Britain after the Sepoy revolt of 1857. For 10 points, name this Islamic dynasty which built the Taj Mahal decades after its emperors Babur and Akbar ruled the Indian peninsula.

ANSWER: Mughal empire, dynasty, etc. [or Moguls] <MJ>

5. Inhabitants of this geological feature speak a namesake dialect with rule-governed a-prefixing of progressive verbs. One end of this range contains the Shickshocks and Baxter State Park. Further south, mines in this range are the largest source in the Americas for anthracite coal. This range contains Springer Mountain and Mount Katahdin, has Blue Ridge and Great Smoky subchains, and features Mount Mitchell, the tallest in America east of the Mississippi river. For 10 points, name this long mountain range whose namesake trail can be hiked north from Georgia to Maine.

ANSWER: Appalachian Mountains [prompt “Appalachia” until “range” is read] <MJ>

6. In one of his works, Tamina is spooked by ostriches while visiting the zoo with Hugo. In another of his works, a postcard with the phrase “Optimism is the opium of the people” causes Ludvik to be expelled from the Communist party. This author of *The Joke* intertwined sections titled “The Angels” and “Lost Letters” in his *The Book of Laughter and Forgetting*. In his most famous novel, a dog named Karenin belongs to Tomas and Tereza, a pair of intellectuals living in Prague. For 10 points, name this author of *The Unbearable Lightness of Being*.

ANSWER: Milan Kundera <JL?>

7. Bottom-up theories of their formation involve the accretion of smaller clusters that consist mostly of Population II objects. Their rotation curves indicate that most of their mass is located in their halos, which may be populated by CDM such as WIMPs. The speed of distant ones is governed by Hubble's law, which indicates that on large scales, all of them are moving away from Earth. Blazars are examples of ones with active nuclei, wherein the nucleus is a supermassive black hole. Coming in elliptical, irregular, and spiral types, for 10 points, name these gravitationally-bound collections of stars and dust, such as the Andromeda and Milky Way.

ANSWER: galaxies [or galaxy; accept Andromeda galaxy; accept Milky Way galaxy; accept active galactic nuclei; prompt on "AGNs"] <BH/AS>

8. One of this artist's works, featuring massive conglomerations of body parts against a desert landscape, is subtitled "Premonition of Civil War". A fish watches a landscape turn into a series of blocks in a work by this artist of *Soft Construction with Boiled Beans*, which shows the disintegration of his most famous work. One of his works show animals transforming into the image of different animals in a pool. This artist's most famous work depicts yellow cliffs in its upper left corner and an orange object crawling with ants. For 10 points, name this Spanish surrealist artist of *Swans Reflecting Elephants* who painted melting watches in his *The Persistence of Memory*.

ANSWER: Salvador Dalí <JG>

9. One text from this school compares ideal behavior at a banquet to good behavior in life, and starts by distinguishing things inside and outside our control; that text of this school is the *Handbook*, or *Enchiridion*. Another author of this school thanked his grandfather Verus among many others who raised him to start off twelve books of *Meditations*. This school believed that virtue was the only good, and was adopted by emperor Marcus Aurelius centuries after its founding by Zeno of Citium on an Athenian porch. For 10 points, name this school of thought whose followers detached emotionally from the external world.

ANSWER: Stoicism [or Stoic philosophy] <SSp>

10. In this novel, a gypsy fortune teller at a party is revealed to be the male protagonist in disguise; that character does not end up marrying Blanche Ingram, as is expected. While living at Marsh End, the protagonist is cared for by St. John (sin jin) Rivers and his sisters. The title character suspects Grace Poole is responsible for the strange happenings at Thornfield, which are actually the work of the male protagonist's mad ex-wife who is locked in the house, Bertha Mason. For 10 points, the title character marries Edward Rochester at the end of what novel by Charlotte Brontë?

ANSWER: Jane Eyre <JL>

11. One character in this play explains that his throat is too delicate for hanging and that hemlock swells the legs, in a conversation with a character that shares his desire for pea soup. In one scene in this play, the protagonist alternates pretending to be Herakles with his servant. In another scene, a scale weighs which of two characters has spoken the weightiest lines. The play opens with the protagonist preparing with his slave Xanthias to descend into the underworld. For 10 points, name this play by Aristophanes in which Dionysus judges a tragedy contest between Aeschylus and Euripides, and which contains a croaking chorus of the title creatures.

ANSWER: *The* Frogs [or Batrachoi] <JL>

12. This policy gained favor after the Stresa Front failed to use force, and the pseudonymous author "Cato" condemned proponents of it in the book *Guilty Men*. One leader who changed his mind in favor of this policy was Edouard Daladier, and it allowed a reduction of Emil Hacha's country in size. This policy led to the Munich Agreement resolving claims over the Sudetenland in Czechoslovakia, which Neville Chamberlain claimed would secure "peace for our time." For 10 points, name this diplomatic policy of the late 1930s, in which Britain and France tried to avoid war by respecting Nazi territorial expansion.

ANSWER: appeasement of Nazi Germany [accept syntactically-valid variants, i.e. appeasing Nazi Germany; prompt "respecting Nazi territorial claims" or such answers] <SJW>

13. Xeroderma pigmentosum is a disorder in which UV-induced dimers of one component of this substance cannot be repaired. The “Z” form of this substance is more often found when it undergoes negative supercoiling, and also when it undergoes a process which begins at its TATA box. In its more common “B” form, its 22-angstrom major grooves can be accessed by transcription factors. This polymer is composed of a phosphate, a pentose sugar, and a purine or pyrimidine nitrogenous base such as thymine. For 10 points, name this nucleic acid which encodes the genetic information of all eukaryotes.

ANSWER: **DNA** [or **deoxyribonucleic acid**; accept **Z-DNA**; accept **B-DNA**; do not accept “RNA” or “ribonucleic acid”] <DStobierski/AS>

14. It’s not North Carolina, since it’s a country, but in this country’s east, hundreds died when vigilante “Regulators” feuded with “Moderators”. This nation issued the Childress declaration and won one battle after preventing retreat by burning Vince’s Bridge. Mirabeau Lamar led this country, and one man who died for this country now lends his name to the Bowie knife. It signed the treaty of Velasco with its southern neighbor after winning in eighteen minutes at San Jacinto, freeing its settlers from Santa Anna’s army. For 10 points, name this nation which the US annexed as a state thirteen years after the battle of the Alamo.

ANSWER: Republic of **Texas** [DO NOT accept or prompt “United States of America” AT ANY POINT] <MJ>

15. One experiment that seeks to detect one form of these uses two observatories spaced 3000 kilometers apart to detect motion in an interferometer. That experiment is LIGO. An experiment that scattered electrons off a nickel crystal showed that electrons exhibit some properties of these phenomena. That experiment was the Davisson-Germer experiment, which confirmed an idea first put forth by de Broglie that matter has properties of particles and these. Young’s double-slit experiment produced an interference pattern, demonstrating that light is one of these. For 10 points, name these periodic disturbances that can be transverse, like light, or longitudinal, like sound.

ANSWER: **waves** [accept **gravitational waves**; accept **matter waves**; accept **de Broglie waves**] <AD>

16. In one of this man’s best-known arias, the singer threatens to throw herself into the Arno unless her father allows her to marry Rinuccio. The title character of a different opera by this composer sings an aria in which she imagines seeing a ship on the horizon. Those arias are one from the opera *Gianni Schicchi*, “O mio babbino caro,” and “Un bel di,” which appears in an opera about the doomed romance between the American Pinkerton and the Japanese Cio-Cio San. Another opera tells of the romance between Rodolfo and the consumptive seamstress Mimi. For 10 points, name this Italian composer of such operas as *Tosca*, *Madama Butterfly*, and *La bohème*.

ANSWER: Giacomo **Puccini** <KK>

17. This athlete was ironically able to opt out of compulsory military service for his country due to chronic back problems the same year he became the No. 2 player in the world. Seppli Kacovsky, Peter Lundgren, and Tony Roche were all coaches of this athlete. In 2004, this man lost to Gustavo Kuerten in the 3rd round of the French Open, which was to be his last loss before the semifinals of a Grand Slam tournament until 2010. During this period, he was the No.1 tennis player in the world for a record 237 consecutive weeks. He regained the No. 1 ranking in 2009 and brought his total of weeks at No. 1 to 285. For 10 points, name this Swiss tennis player who has won a record 16 Grand Slam singles titles.

ANSWER: Roger **Federer** <RB>

18. In one poem, this man compares the title animal to his “surrounded, detached” soul as “It launched forth filament, filament, filament, out of itself.” This man wrote “I know I am solid and sound,” “I know I am deathless,” and “I am the poet of the Body and I am the poet of the Soul,” in another poem, which also includes the line “I loafe and invite my soul.” In that longer work, this man penned such lines as “I sound my barbaric yawp over the roofs of the world.” For 10 points, name this American poet, who included poems like “A Noiseless Patient Spider” and “Song of Myself” in the collection *Leaves of Grass*.

ANSWER: Walt **Whitman** [Accept Walter] <SJW>

19. This man was invited by G. Stanley Hall to Clark University for the only lecture he gave in the Americas. He protected Sergei Pankejeff's identity by referring to him in writing as "Wolf Man." In one work, he wrote about the "manifest content" and "latent content" of wish-fulfillments. This cocaine user believed that free association could help undo the repression at the root of neuroses, and wrote that the impulsive id, the ego, and the superego make up the mind. For 10 points, name this Austrian who proposed the "Oedipus complex" in his *The Interpretation of Dreams* and started psychoanalysis.

ANSWER: Sigmund Schlomo Freud [*FROYT* or *FROYD*; accept other reasonable pronunciations] <MJ>

20. This leader gave a decree establishing the Pale of Settlement, an area of the empire in which Jews would be coerced into living safely, and grew up in the governor's house in Stettin as part of the house of Anhalt. This leader established the Assignation Bank to issue paper money, established the State Hermitage art museum near Lake Ladoga, and ordered that Pugachev's Rebellion be suppressed while receiving advice from Grigory Potemkin. For 10 points, identify this so-called "enlightened despot," a German-born empress of Russia known for her correspondence with Voltaire.

ANSWER: Catherine the Great [or Catherine II of Russia] <MPG>

[STOP HERE]

[You have reached the end of the round. Do not continue reading unless the game is tied or a tossup was thrown out earlier in the round.]

21. This deity gave a pet to Cyparissus, who accidentally killed it. This deity employed a talking white bird as a messenger, which he turned into a silent black raven after it said that Coronis had cheated on him. This father of the healer Asclepius was born on the floating island of Delos, and in book I of the *Iliad* he strikes the Greeks with plague. This son of Leto made the laurel wreath a symbol of victory after pursuing the nymph Daphne, and gave visions to the oracle at Delphi in addition to winning many contests with Hermes's lyre. For 10 points, name this god of music and sunlight, the twin brother of the lunar huntress Artemis.

ANSWER: Phoebus Apollo [or Apollon; do not accept "Helios" at any point] <MP>

### Round 13 Bonuses

1. This country signed the *Ausgleich* agreement with its western neighbor in 1867 to create the Dual Monarchy. For 10 points each:

[10] Name this country which after that had more autonomy in its union with Austria. Its native ethnicity, the Magyars, settled it in the 800s and 900s AD.

ANSWER: **Hungary** [or **Magyarország**]

[10] This Habsburg monarch signed the *Ausgleich* with Hungary during his sixty-seven year rule. His nephew and heir-presumptive was Archduke Franz Ferdinand.

ANSWER: **Franz Joseph I** [or **Francis Joseph I**; prompt partial answer]

[10] This violent Serbian nationalist group was blamed for the death of Franz Ferdinand. Gavril Princip was probably a member of it.

ANSWER: **Black Hand** [or **Unification or Death**; or **Ujedinjenje ili smrt**; or **Crna ruka**] <MJ>

2. This artist's studio at Taliesin produced some of the foremost examples of organic architecture. For 10 points each,

[10] Name this architect whose Robie House in Chicago is the best exponent of his Prairie Style.

ANSWER: Frank **Lloyd Wright**

[10] This Frank Lloyd Wright building in New York City, finished months after his death, allows visitors to spiral up through its collection of modern art.

ANSWER: Solomon R. **Guggenheim** Museum

[10] Frank Lloyd Wright took a keen interest in this genre of woodblock prints after a trip to Japan, becoming a prolific art dealer of them in the 1910s and '20s.

ANSWER: **ukiyo-e** <JG>

3. This type of process involves an interaction among two or more particles which changes the trajectory of those particles. For 10 points each:

[10] Name this type of process, which Rutherford observed in his gold foil experiment.

ANSWER: **scattering** [accept **Rutherford scattering**]

[10] This scattering process occurs between photons and particles much smaller than the photon's wavelength. Its intensity has a wavelength to the minus fourth power dependence, and it is responsible for circular polarization of sunlight.

ANSWER: **Rayleigh** scattering

[10] In any scattering process, this quantity measures the probability of a scattering event occurring. In nuclear physics, it may be measured in barns, a unit of area, and it is often denoted by the lowercase letter sigma.

ANSWER: scattering **cross-section** <Ashvin>

4. Name some figures in Dante's *Inferno*, for 10 points each.

[10] Virgil guides Dante through Hell on the orders of this woman, Dante's muse. In *Paradiso*, Dante is reunited with this woman, who also inspired his *Vita Nuovo*.

ANSWER: **Beatrice** di Folco Portinari

[10] Along with Judas and Brutus, this traitor is condemned to spend eternity in the ninth circle of Hell, being chewed in one of Satan's three mouths.

ANSWER: Gaius **Cassius** Longinus [accept **Cassio**]

[10] Dante also meets this lustful woman, along with her lover, Paolo Malatesta. Virgil criticizes Dante for pitying this woman, who fell in love with Paolo while they were reading the story of Launcelot and Guinevere.

ANSWER: **Francesca** da Rimini [or **Francesca** da Polenta] <SJW>

5. All natural steroids are derived from this compound. For 10 points each:

[10] Name this compound which is transported by lipoproteins such as HDL and LDL. High blood levels of it can lead to the formation of atherosclerotic plaques.

ANSWER: **cholesterol** [or **(3-beta)-cholest-5-en-3-ol**]

[10] This organ, which oxidizes cholesterol to yield bile acids, is the primary non-muscular site of glycogen storage. Damage to it may result in cirrhosis, and it toxicates methanol.

ANSWER: **liver**

[10] The liver receives about three-fourths of its blood supply from this vessel, which carries deoxygenated blood into the liver. An analogous capillary-rich structure links the hypothalamus and the pituitary.

ANSWER: hepatic **portal vein** [prompt on “portal system” or “hepatic portal system”] <MJ>

6. Incidents of domestic terror during this man’s presidency included the Waco compound raid and the Oklahoma City bombing. For 10 points each:

[10] Name this saxophonist and husband of Hillary, an Arkansas Democrat who was impeached for lying about his affair with Monica Lewinsky.

ANSWER: William Jefferson “Bill” **Clinton**

[10] A US Black Hawk helicopter was shot down over this anarchic African country’s capital during a humanitarian invasion early in Clinton’s term. More recently, its coast has been a haven for pirates.

ANSWER: Republic of **Somalia**

[10] While Bill was governor of Arkansas, the Clintons were implicated in this scandal for their monetary investments in a shady development company led by James McDougal.

ANSWER: **Whitewater** scandal/affair/etc. [or **Whitewatergate**] <MJ>

7. In one myth, he gambled with the moon for one seventy-second of the sun’s light, thereby giving humanity a 365-day calendar. For 10 points each:

[10] Name this inventor of writing, a god who gave Isis the magic words needed to resurrect Osiris. He was often depicted with the head of an ibis.

ANSWER: **Thoth** [or **Djehuty**; or **Dihauti**]

[10] In his role as scribe, Thoth assisted this god of embalming who carried out the weighing of dead hearts. This jackal-headed god had Thoth stand nearby and record the results of each weighing.

ANSWER: **Anubis** [or **Inupu**; or **Inepu**; or **Wepwawet**]

[10] The dead person’s heart was weighed against an ostrich feather belonging to this goddess of truth.

ANSWER: **Ma’at** [or **Mayet**] <SSp>

8. This man’s *Critique of Practical Reason* explored his notion of a “categorical imperative” for moral actions before he published his *Metaphysics of Morals*. For 10 points each:

[10] Name this punctual thinker from Königsberg, who attempted to define the limits of *a priori* inference in his *Critique of Pure Reason* after David Hume’s writing shocked him.

ANSWER: Immanuel **Kant**

[10] Kant’s *Critiques* were key in this reason-loving 18th-century intellectual movement, which Adam Smith was also part of. Kant defined it as “man emerging from self-imposed immaturity” in one essay about it.

ANSWER: The **Enlightenment** [or **Aufklärung**]

[10] This “philosophical sketch” by Kant is written as a treaty establishing the title condition by means of six Preliminary and three Definitive Articles. It recommends that all nations become democratic republics.

ANSWER: On **Perpetual Peace**: A Philosophical Sketch [or **Zum ewigen Freiden. Ein philosophischer Entwurf**; accept words such as “Toward”, “To,” or “For” before **Perpetual Peace**] <SSp>

9. Answer these questions about fundamentals of microeconomics, for 10 points each.

[10] Rational economic actors seek to maximize this measure of satisfaction. Increased consumption of goods, services, and leisure are classically associated with higher levels of this measure.

ANSWER: utility

[10] This graph charts the different bundles of goods and services that each provide the consumer with the exact same level of utility. For a perfectly rational consumer, they are perfectly convex and have negative slope.

ANSWER: indifference curve

[10] When rational consumers' incomes drop, they're forced onto a lower indifference curve and consume more of this type of good with negative income elasticity of demand. Examples might include instant noodles.

ANSWER: inferior goods <MHH>

10. Locales within this city's thirty-two boroughs include the advertisement-laden Piccadilly Circus and Fleet Street, which was once home to many seedy newspapers. For 10 points each:

[10] Name this English city whose visitors can ride double-decker buses or confuse its boring namesake bridge with Tower Bridge. Beefeaters guard its namesake Tower.

ANSWER: Greater London

[10] The Prime Minister's house sits at address 10 on this London street, which also names a "memo" describing the planning of the Iraq war.

ANSWER: [Ten] Downing Street

[10] London is serviced by this international airport located in the far-western borough of Hillingdon.

ANSWER: Heathrow International Airport [prompt "LHR," prompt "EGLL"] <MJ>

11. At the beginning of this work, Jake Barnes goes to nightclub with the prostitute Georgette, where he encounters Count Mippipopolous. For 10 points,

[10] Name this Ernest Hemingway novel, in which Brett Ashley temporarily abandons her fiancée, Mike Campbell, to have an affair with the bullfighter Pedro Romero.

ANSWER: *The* Sun Also Rises

[10] Repeated references are made in *The Sun Also Rises* to this character's Jewishness. A skilled boxer, this man falls in love with Brett.

ANSWER: Robert Cohn [Accept either]

[10] The epigram for *The Sun Also Rises*, "You are all a lost generation," comes from this American expatriate writer, known for *The Autobiography of Alice B. Toklas*.

ANSWER: Gertrude Stein <SJW>

12. In *The Mayor of Casterbridge*, this author created the drunkard Michael Henchard, who sells his wife and baby daughter. For 10 points each:

[10] Name this English author, whose other novels include *Tess of the d'Urbervilles* and *Far From the Madding Crowd*.

ANSWER: Thomas Hardy

[10] This Hardy novel follows the unlucky title character, the husband of Arabella, whose son, nicknamed "Father Time," kills his siblings and then himself.

ANSWER: Jude the Obscure

[10] Jude lives in sin for a while with this woman, his cousin. This woman goes back and forth between Jude and Mr. Phillotson, and Jude dies trying to visit her in bad weather.

ANSWER: Sue Bridehead [accept either] <SJW>

13. This language was developed by Sun Microsystems. For 10 points each:

[10] Name this language, which is compiled into bytecode and runs on a virtual machine. It is based on a "write once, run anywhere" philosophy, and developers for the Android operating system primarily use it.

ANSWER: Java

[10] Java's design is based around these language constructs, which are instantiated from classes, and which contain a collection of attributes and methods.

ANSWER: objects

[10] Java permits the use of this programming technique, in which different functions may share the same name, as long as their argument signatures are different. Java does not permit using technique on operators, though C++ does.

ANSWER: function overloading [or operator overloading; or word forms] <SS>

14. As a teenager, this composer wrote an Octet in E-flat major, and he wrote an overture and incidental music for *A Midsummer Night's Dream*. For 10 points each:

[10] Name this German composer of the oratorio *Elijah*, the overture *The Hebrides*, and symphonies nicknamed the "Italian" and the "Scottish."

ANSWER: Felix Mendelssohn

[10] In 1829, Mendelssohn conducted the first performance of this work by Johann Sebastian Bach since Bach's death. The libretto by Picander tells of Jesus's crucifixion, and it opens with the chorus "Kommt, ihr Töchter."

ANSWER: Saint Matthew Passion [or Matthäus-Passion]

[10] This is the title given to eight volumes of lyrical piano pieces by Mendelssohn, including three pieces entitled "Venetian Boat Song."

ANSWER: Songs Without Words [or Lieder ohne Worte] <KK>

15. This system predicts that ammonia is trigonal-pyramidal, and assumes that pairs of electrons will be as far away from each other as possible since they all have negative charge. For 10 points each:

[10] Name this system for determining and drawing pictures of chemical compounds' geometric structures.

ANSWER: VSEPR ("vesper") [or Valence Shell Electron Pair Repulsion theory; prompt on "Gillespie-Nyholm theory"]

[10] VSEPR ("vesper") theory predicts that this compound's three atoms are bonded linearly. In complete combustion, it and water are produced.

ANSWER: carbon dioxide [or CO<sub>2</sub>]

[10] This rare shape occurs only in compounds where one central atom can bind to six outlying atoms. The voice-lowering gas sulfur hexafluoride has this structure.

ANSWER: octahedral geometry <MJ>

16. Answer these questions about the Japanese feudal system, for 10 points each.

[10] These noble Japanese warriors wore heavy armor and fought using a longer *katana* and a shorter *wakizashi* blade. They had a strict honor code called *bushido*.

ANSWER: samurai [prompt "bushi"]

[10] After the Warring States era, Tokugawa's shogunate subordinated these local landowners for whom samurai fought. A samurai without one of these was called a *rōnin*.

ANSWER: daimyos

[10] This still-shunned Japanese minority inherits its reduced social standing from people outside the Tokugawa caste system, who lived in separate hamlets where they performed ritually-unclean jobs such as butchery.

ANSWER: burakumin [or hisabetsu-buraku or mikaihō-buraku; prompt the derogatory term "eta"; do not accept "buraku" since that is a type of puppet theater and not a social class] <MJ>

17. This poem's speaker remarks that the sounds he hears were heard by "Sophocles long ago". For 10 points each:

[10] Name this poem that begins "The sea is calm to-night" in which the speaker speaks to his beloved of hearing the "melancholy, long, withdrawing roar" of the "Sea of Faith".

ANSWER: "Dover Beach"

[10] "Dover Beach" is by this English poet and critic, who wrote the poem "Thyrsis" as an elegy for his friend, Arthur Hugh Clough.

ANSWER: Matthew Arnold

[10] Arnold's poem "Sohrab and Rostum" uses characters from this epic by Ferdowsi that includes the legends of the founding of and fall of the Sassanid Empire.

ANSWER: Shahnameh [or Book of Kings] <JL>

18. On the left of this painting stands a statue of cupid with its finger to its lips. For 10 points each:

[10] Name this painting of a woman who rides the title conveyance, while a man looks up her frilly pink dress.

ANSWER: *The* Swing [or *L'escarpolette*]

[10] *The Swing* is by this French Rococo painter, who did a notable portrait of Diderot.

ANSWER: Jean-Honoré Fragonard

[10] This other French artist is best known for his *The Toilet of Venus* and his many portraits of his patroness, Madame de Pompadour.

ANSWER: Francois Boucher <JL>



19. This man was executed on July 28, 1794 after the Thermidorean Reaction opposed his guillotining of thousands of people. For 10 points each:

[10] Identify this man nicknamed "The Incorruptible," a Jacobin who led the Terror during the French Revolution.

ANSWER: Maximilien François Marie Isidore de **Robespierre**

[10] Paul Barras was in this group of five men, who ruled revolutionary France above a two-chamber legislature from 1795 until a 1799 coup led by Abbé Siéyès and Napoleon.

ANSWER: The **Directory** [or **Directorate** or **Directoire**]

[10] This group within the Jacobins, who sat on the raised left side of the National Convention, formed the extreme liberal end of the French political spectrum.

ANSWER: the **Mountain** [or **Montagnards**] <MPG>

20. A throwback jersey used by this team will include an image of a Colt .45 pistol. For 10 points each:

[10] Name this team that plays in Minute Maid Park and will move to the American League in 2013. Its stars included Jeff Bagwell and Craig Biggio.

ANSWER: **Houston Astros** [accept either]

[10] Former Astro Lance Berkman, who remarked that the move of the Astros was "extortion," led this team's comeback to win the 2011 World Series.

ANSWER: **St. Louis Cardinals** [accept either]

[10] The 2012 Astros closer will be this former starting pitcher, who was charged in a 2006 domestic violence incident.

ANSWER: Brett **Myers** <Jeff Hoppes>

21. When this child's birth was promised by God, his ninety-year-old mother laughed, but sure enough she bore him. For 10 points each:

[10] Name this second Jewish patriarch, the only son of Abraham and Sarah. As a boy, God almost forced Abraham to sacrifice him in order to test Abraham's loyalty.

ANSWER: **Isaac** [or **Yitzchak**]

[10] This hairy elder son of Isaac was the forefather of the Edomites, who destroyed the First Temple. He traded his birthright to his twin brother Jacob in exchange for lentil stew.

ANSWER: **Esau** [or **Esav**]

[10] This brother of Rebecca was visited by Isaac's steward Eliezer to obtain Rebecca as a wife for Isaac. Later, this man tricked Jacob into working for this man for fourteen years rather than seven to marry his intended wife Rachel.

ANSWER: **Laban** [or **Lavan**] <MHH>