

Bulldog High School Academic Tournament XXII (2013): *Praxis*? We Talkin' Bout *Praxis*, Man
By Yale Student Academic Competitions
Edited by Matt Jackson and Ashvin Srivatsa, with Kevin Koai and Spencer Weinreich
Special Thanks to John Lawrence and Mike Cheyne

Round Seven Tossups

1. This book depicts a nobleman's ritualistic drinking of hot chocolate; a note reading "Drive him fast to his tomb" is left by a knife after Gaspard kills that noble to avenge a child run over by a carriage. The spies John Barsad and Roger Cly try to frame a man in this book, which showcases prison cell One Hundred and Five, North Tower. Madame Defarge is from this book, as is the phrase "It is a far, far better thing that I do, than I have ever done," spoken by Sidney Carton when he takes Charles Darnay's place at the guillotine. For 10 points, name this novel about the French Revolution, which opens "It was the best of times, it was the worst of times," by Charles Dickens.
ANSWER: A *Tale of Two Cities* <SJW>

2. This color is the background of the face-to-face San Vitale mosaics depicting royal entourages in Ravenna. It surrounds all but the face and arms of a Vienna socialite in a 1907 portrait of Adele Bloch-Bauer. Phidias used this color for the dress of his colossal statue in the Pantheon, and it was used to show Neptune and Ceres facing each other in Benvenuto Cellini's sculpted *Salt Cellar*. This color of the bracelet in Manet's *Olympia* dominates amid the dark rectangles making up a man, who hugs the circular forms of a woman, in *The Kiss* by Gustav Klimt. For 10 points, name this color which surrounds many Byzantine icons due to hammered sheets of metal.
ANSWER: gold foil [or gold leaf; accept Au; prompt on "yellow" I suppose...] <MJ>

3. This function of distance appears in the radial wavefunction for s orbitals. The vapor pressure of a liquid may be approximated by this function of negative one over temperature. When a reaction is said to be "nth-order", the "n" refers to the argument of this function, and a first-order reaction obeys an integrated rate law that contains it. This function's inverse is applied to the reaction quotient in the Nernst equation. This operation, followed by division, is performed on individual concentrations to compute the equilibrium constant using the law of mass action. For 10 points, name this operation which may be applied to a pKa to find the Ka, and which is the inverse of the logarithm.
ANSWER: exponentiation [or raising something to a power; or equivalents; do not accept "multiplication"] <AS>

4. One play by this author is a conversation between a businessman who has missed a train and another with a cancerous growth. Besides *The Man With the Flower in His Mouth*, this man wrote about Matilda, who dresses as a medieval countess to heal a demented actor. This author concluded a play with the drowning of a little girl and the suicide of her brother, in the garden of their father, who had earlier seduced their sister in Madame Pace's shop. This author of *Henry IV* wrote of a family invading a rehearsal and demanding that their story be staged. For 10 points, *Six Characters in Search of an Author* was penned by what modern Italian playwright?
ANSWER: Luigi Pirandello <SJW>

5. The Hermitian inner product maps vectors over this field onto this field. The field of analysis named for it often studies holomorphic functions. Those with modulus one can be generated by the function "cis x", which appears in de Moivre's formula, and can also be expressed as a rotation matrix. The fundamental theorem of algebra states that any polynomial has at least one root in this set. These numbers are solutions to quadratics with negative discriminant. The quaternions are a generalization of them, and multiplying one by its namesake conjugate yields a real number. For 10 points, name this set of numbers expressed in the form "a plus b i", where i squared is negative one.
ANSWER: (the field of) complex numbers [prompt on "C"; do not prompt on or accept "imaginary numbers"] <JG>

6. This man compromised his democratic-republicanism with a salute and handshake at Teano. This man's victory outside Gaeta castle at the Volturno river caused a branch Bourbon dynasty under Francis II to end. This European declined Lincoln's request to lead the Union in the Civil War, but did lead the Hunters of the Alps against Austria. One of his armies took uniforms from an abandoned slaughterhouse in Montevideo, Uruguay; he handed their gains to Count Cavour's Piedmont-Sardinia after the Expedition of the Thousand toppled the Kingdom of Two Sicilies. For 10 points, name this bearded hero whose Red Shirts fought to unify Italy.

ANSWER: Giuseppe **Garibaldi** <MJ>

7. One part of this collection details the travels of Bulukiya as he searches for the herb of immortality, while another shows a fisherman visiting an underwater utopia. Other parts of this text include a woman who locks a series of lovers in some cupboards and a man who finds a treasure in his own house after dreams told him to travel far away. Morgiana is a woman in this text translated by Richard Burton, which often features the disguised ruler Haroun al-Rashid; its other characters include the forty thieves and Ali Baba. For 10 points, name this collection of stories told to King Shahryar by Scheherazade.

ANSWER: **One Thousand and One Nights** [or *The Arabian Nights* 'Entertainment'; or *Kitāb alf laylah wa-laylah*] <SJW>

8. A memoir titled for this event "and the Women Who Started It" was written by Jo Ann Robinson, who led a Women's Political Council that worked with E. D. Nixon and Ralph Abernathy during this event. One inciting object of this campaign is now in the Henry Ford Museum. Supporters of this event raised money to replace the shoes of those taking part, and during this 381-day campaign the White Citizens' Council bombed Martin Luther King's house for his stand against the National City Lines company. For 10 points, name this campaign begun after Rosa Parks' arrest, in which blacks refused to use an Alabama city's segregated public transportation.

ANSWER: 1955-6 **Montgomery**, Alabama **bus boycott** <SJW>

9. In the movie *Lucas*, an instance of this action is initiated by Bruno when Lucas pulls out a personalized letterman jacket from his locker. In *The Producers*, surrounding people beat up a man who tries to start this action. In *The Dark Knight*, this occurs as police escort Harvey Dent to a truck for claiming to be the Batman. In the *Chamber of Secrets* film, this event happens after Hagrid hugs Harry in the Great Hall, upon returning from Azkaban. The title character starts this action in *Citizen Kane* at the end of his wife Susan's operatic debut. For 10 points, name this act often preceded by stunned silence, in which one person initiates an accelerating, thunderous ovation.

ANSWER: the slow **clap** [or mass **applause** initiated by one person; or dramatic **clapping**; or standing **ovation** until "ovation" is read; if someone buzzes and starts clapping without saying words, ask "Answer please?"] <IP>

10. This man discussed the "perfectibility" of man for a Dijon Academy essay contest, in which he claimed that the founder of civil society was the first man to say "this is mine" upon enclosing a plot of land. In one work he devised a girl named "Sophie," the title character's eventual wife, to make sexist arguments for raising women only to please men. This author of *Discourse on Inequality* argued that a people must legislate the "general will" to make society legitimate, and said "Man is born free, yet everywhere he is in chains." For 10 points, name this author of *Emile: or On Education*, a Swiss-born French Enlightenment *philosophe* who wrote *The Social Contract*.

ANSWER: Jean-Jacques **Rousseau** <MJ>

11. The Blue Cruise runs between resort town in this nation such as Didim. Salgam is a purple drink popular near this country's Cilician Gates. Guest-workers from this country make up the largest ethnic minority in Germany, and it displays tughras in its Topkapi Palace. One city in this home country of Edirne changed its name from Smyrna to Izmir, and Da Vinci planned to bridge its Golden Horn. This country surrounds Lake Van and the Sea of Marmara; it

has the largest national population of Kurds, and is split by the Bosphorus near the Black Sea. For 10 points, name this bicontinental nation whose capital of Ankara is less populous than Istanbul.

ANSWER: Republic of Turkey [or Türkiye Cumhuriyeti] <JW>

12. One performer on this instrument won the Pulitzer Prize in Music for his oratorio about slavery, *Blood on the Fields*. Another player of this instrument recorded one of his best-known songs with Sarah Vaughan under the alternate title “Interlude.” That man also co-wrote the first jazz standard based on the clave rhythm, “Manteca.” The composer of “A Night in Tunisia” and Wynton Marsalis both played this instrument also played by the bandleader who released *Birth of the Cool*. That musician also included “So What” on his album *Kind of Blue*. A bent example of this instrument was played by Dizzy Gillespie. For 10 points, name this instrument played by Miles Davis and Louis Armstrong.

ANSWER: trumpet <KK>

13. This quantity’s square is in the denominator of the “B nu” formulation of the Rayleigh-Jeans law. In a medium, this quantity is scaled by the square root of the product of the relative permeability and permittivity. In Planck units, this electromagnetic quantity is normalized to one. This physical constant is used to define the meter. This quantity is the only one of its type to be constant in all inertial reference frames. The Michelson-Morley experiment demonstrated its constancy by showing that luminiferous ether did not exist. If tachyons exist, they travel faster than this speed. For 10 points, what is the maximum speed at which anything can travel, often denoted “c”?

ANSWER: the speed of light (in vacuum) [accept c until it is read] <AS>

14. These people believed in a realm separated from the east by two sycamore trees made of turquoise gemstone, and represented one aspect of the soul as a human-headed bird. This culture’s afterlife included a Field of Reeds, and they used the Opening of the Mouth ceremony to prepare some men for death. A lion-bodied demon devours some of their dead after a task in which a truth goddess’s feather is placed opposite a dead heart on a scale for weighing. For 10 points, name this civilization behind a non-Tibetan *Book of the Dead*, which believed in a next world ruled by Osiris and helped mummified pharaohs get there.

ANSWER: Ancient Egyptians [or Old Kingdom; or Middle Kingdom; or New Kingdom] <MJ>

15. This man delivered the “Some chicken! Some neck!” address, and mentioned a “temple of peace” in a speech upon getting an honorary degree from Westminster College. This politician said “The lights are going out across Europe” in the wake of the Munich agreement, and his “Sinews of Peace speech,” given in Fulton, Missouri, described a line on the map “from Stettin in the Baltic to Trieste in the Adriatic.” This coiner of the term “iron curtain” gave his “This was their finest hour” and “We shall fight on the beaches” addresses to the House of Commons during the Blitz. For 10 points, name this Prime Minister of the UK during World War II.

ANSWER: Sir Winston Leonard Spencer Churchill <MJ>

16. In one story by this man, a boy goes with his father to deliver a baby, and the baby’s father quietly commits suicide during the Caesarean section. In another short story by him, the same boy, now an young man, encounters Max and Al in a George’s restaurant, as they plot to murder the Swedish boxer Ole Andreson. A third short story by this author begins by describing a frozen leopard carcass, and ends with Harry hallucinating a flight over the title mountain while dying on safari. For 10 points, name this American whose “Indian Camp” and “The Killers” feature Nick Adams, who also wrote “The Snows of Kilimanjaro” and set his novel *The Sun Also Rises* in Spain.

ANSWER: Ernest Miller Hemingway <SJW>

17. When oxygen competitively inhibits this substance in a certain enzymatic reaction, 2-phosphoglycolate is produced. Some xerophytes only uptake this substance during the night when it is cooler, while those that employ the C-4 pathway temporarily fix it in mesophyll cells before shuttling it to a location where RuBisCO adds it to its

substrate, thus preventing photorespiration. Peat bogs have been proposed as a way of sequestering this substance. Its uptake must co-occur with transpirational loss, because it is absorbed via the stomata. For 10 points, name this triatomic gas that is converted into G₃P and eventually into sugars, resulting in the exhalation of oxygen by plants.
ANSWER: **carbon dioxide** [or **CO₂**; do not accept or prompt on “carbon”] <AS>

18. In this body of water, German vessels raided a British cable station on Fanning. In another engagement on this body of water, Graf Maximilian von Spee defeated a Royal Navy squadron near the city of Coronel. Pierre-Antoine Véron was the first to precisely estimate the width of this body of water. One of the first Europeans to reach this body of water earlier founded a colony in Darién, and a self-built raft that traversed it was built by Thor Heyerdahl. Explorer Vasco Núñez de Balboa discovered the east side of, for 10 points, what large body of water, historically crossed by the Manila galleons and later linked to the Caribbean Sea by the Panama Canal?
ANSWER: **Pacific** Ocean <AT>

19. This location first appeared after a king did a thousand years of penance for sixty thousand ancestors who were burned to death by a sage’s glance. This location is personified by a goddess who rides a *makara* beast and fell from the sky into another god’s hair. Eighty-four entryways to this place called *ghats* lead from the city of Varanasi to this environmentally-troubled location, where ashes of the cremated dead are borne away and achieve *moksha* when brought along a sacred pilgrimage. For 10 points, name this source of ritual water, the holiest river for Hindus.
ANSWER: the **Ganges** River [or **Ganga**] <MJ>

20. One of this composer’s piano pieces is written almost entirely in the whole tone scale and bears an ambiguous title that could refer to veils or sails. “Voiles” is a prelude by this composer who also wrote “The Sunken Cathedral” and “The Girl With the Flaxen Hair.” He depicted “from dawn to midday” at the title location in the first movement of one orchestral work, and he wrote a ballet inspired by a poem by Stéphane Mallarmé. His best-known piano piece was inspired by a poem by Paul Verlaine and included in his *Suite bergamasque*. For 10 points, name this French composer of *La mer*, *Prelude to the Afternoon of a Faun*, and the piano piece “Clair de lune.”
ANSWER: [Achille] Claude **Debussy** <KK>

[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. The group of symmetries of a regular one of these is isomorphic to the smallest non-Abelian group. Thales’s theorem describes the angles of these polygons when inscribed in a circle. Three of the platonic solids have these as faces. When a norm is applied to vectors that form the edges of one of these, the norms must satisfy this object’s namesake inequality. A special case of Brahmagupta’s formula named for Heron gives the area of these figures. Squares, hexagons, and these are the only regular polygons that can tile the plane. The law of cosines relates the lengths of their sides. For 10 points, name these simplest polygons, which come in scalene and isosceles varieties.
ANSWER: **triangles** <JG>

Bonuses

1, This country formed in 1932 after Hejaz and Nejd were unified, and began tapping oil reserves with the help of the Western company Aramco soon after. For 10 points each:
[10] Name this Middle Eastern country whose namesake royal house defended Kuwait from Iraq in the Gulf War. It mandates that 100 percent of its citizens be Muslim.
ANSWER: Kingdom of **Saudi Arabia**

[10] This empire let the Arabian Peninsula go when it got Transjordan and Iraq from a post-World War I partition of the Middle East. A gay warrior from here wrote *Seven Pillars of Wisdom* while aiding the Arab Revolt.

ANSWER: **United Kingdom** of Great **Britain** and Ireland [accept either underlined part; accept **British** Empire; prompt “England”][*That warrior is T.E. “Lawrence of Arabia” Lawrence.*]

[10] The house of Sa’ud endorses this type of fundamentalist Sunni Islam, which emerged in the 18th century. Its adherents see gravestones as a form of idolatry.

ANSWER: **Wahhabi** Islam [or **Wahhabism**; or al-**Muwahiddun**; prompt “Salafi”] <MJ>

2. Perhaps the biggest problem in modern physics is that this theory is irreconcilable with quantum mechanics. For 10 points each:

[10] Name this theory, developed by Einstein in 1916, that describes gravity as a curvature of space-time.

ANSWER: **general relativity** [or **GR**]

[10] General relativity explained why the perihelion of Mercury’s orbit does this. Earth’s rotational axis also does this in 26,000-year cycles. Hence, Polaris was not always the North Star.

ANSWER: **precession** [or word forms; prompt on “advance” or word forms]

[10] In about 12,000 years, this star will be the new North Star. Historically, telescopes were calibrated based on the brightness of this star, which is part of the Summer Triangle.

ANSWER: **Vega** [or **alpha Lyrae**] <BH/AS>

3. Germanic languages often follow the V2 principle in determining this property of sentences, whose rare types include OSV and VSO. For 10 points each:

[10] Name this property of utterances which is consistently SVO in English and therefore affects meaning when changed. It is more flexible and can be altered for emphasis in Ancient Greek or Latin.

ANSWER: **word order** typology [*Editors’ note: “SVO” is “Subject-Verb-Object,” etc.*]

[10] Along with its noun equivalent, declension, this process is used heavily in flexible-word-order languages to convey meaning. It changes verb endings to mark properties like tense.

ANSWER: **conjugation** [in the spirit of this answer line, accept word forms such as **conjugating**]

[10] This level of syntactic cognition, an old theory of Chomsky, creates underlying regular sentences. Its output is then modified by transformations such as word order changes to produce different surface-level sentences.

ANSWER: **deep structure** [or **D-structure**] <MJ>

4. This place’s name comes from the old Dutch for “rabbit,” and it is home to the Wonder Wheel and America’s oldest still-running wooden roller coaster, The Cyclone. For 10 points each:

[10] Name this beachy locale, which is now actually a peninsula. Its pioneering boardwalk amusement park drew thousands of urban American visitors in the early 20th century.

ANSWER: **Coney Island**

[10] Coney Island is in this borough of New York City connected to Manhattan by its namesake bridge.

ANSWER: **Brooklyn** [or **Kings County**]

[10] This Brooklyn neighborhood is home to many Russian-speaking Jewish immigrants. The first word of its name comes from a British coastal city containing an onion-domed retreat for King George IV.

ANSWER: **Brighton Beach** [prompt “Little Odessa”] <MJ>

5. Answer these questions about changes in bodily appearance inspired by religious beliefs, for 10 points each.

[10] Islamic males must often undergo the *khitan* form of this procedure, which occurs at a mandatory *bris* ceremony for eight-day-old Jewish boys and removes the foreskin.

ANSWER: **circumcision** [or being **circumcised**; accept word forms]

[10] Sikhs are forbidden from this practice by the *Kesh* article of faith. It was also forbidden for the biblical Nazirites, and was done to one of them by Delilah in an act of treachery.

ANSWER: cutting one's hair [or shaving]

[10] This procedure of boring a hole in the skull appears in many French Neolithic and pre-Columbian fossils, perhaps due to a religious surgery that made divine inspiration easier.

ANSWER: trepanation [or trepanning; or trephination] <MJ>

6. You are a baseball pitcher, and the Earth suddenly has no atmosphere, so you can ignore air resistance. For 10 points each:

[10] If you throw your baseball anywhere other than straight up or down, what geometric figure would describe the path taken by your ball?

ANSWER: parabola [or word forms; or quadratic function]

[10] Assuming that you throw the ball from ground level, at what angle relative to the ground should you throw the ball so that it travels the furthest distance?

ANSWER: 45 degrees [or π over 4 radians; or 50 gradians; or mathematical equivalents]

[10] If the Earth's atmosphere was present, the ball would suffer from parasitic drag, the strength of which depends on this function of velocity. This function of velocity also appears in the numerator of a term in the Lorentz factor.

ANSWER: velocity squared <AS>

7. In one poem, this man wrote "The night is beautiful, / So the faces of my people." For 10 points each:

[10] Name this man whose "The Weary Blues" opens with the line "Droning a drowsy syncopated tune." He was part of, and popularized, the Harlem Renaissance.

ANSWER: James Mercer Langston Hughes

[10] Hughes asks what happens to one of these things "deferred" in a poem from which Lorraine Hansberry got the title for her play *A Raisin in the Sun*.

ANSWER: a dream deferred

[10] This earlier black poet shocked white audiences with his poem "We Wear the Mask" after years of quasi-racist dialect poems. Maya Angelou took her title *I Know Why the Caged Bird Sings* from his poem "Sympathy."

ANSWER: Paul Laurence Dunbar <SJW>

8. Answer these questions about inflation in European history, for 10 points each.

[10] This Roman Emperor issued the "Edict on Maximum Prices" to try and curb inflation. He also tried to stabilize the empire by partitioning it amongst the Tetrarchy and persecuting Christians.

ANSWER: Gaius Aurelius Valerius Diocletianus Augustus

[10] These exorbitant payments, demanded of Germany at Versailles, have been linked to hyper-inflation of the Weimar Republic. Keynes criticized the scale of these payments, which were only finished in 2010.

ANSWER: World War I reparations

[10] This massive province, encompassing most of modern Central America and governed from Mexico City, helped trigger inflation in early modern Europe by exporting New World gold and silver.

ANSWER: Viceroyalty of New Spain [or Virreinato de Nueva España] <SJW>

9. DNA replication is tricky. True. For 10 points each:

[10] Name these fragments of RNA that allow DNA polymerases to bind to DNA and begin replication. In prokaryotes, these sequences are removed by DNA polymerase I.

ANSWER: primers

[10] Retroviruses have RNA as their genetic material, and so must use this enzyme to generate DNA, which is then integrated into the host's genome.

ANSWER: reverse transcriptase

[10] DNA replication occurs during this “resting” part of the cell cycle, specifically in its S phase. The G2 checkpoint separates it from prophase.

ANSWER: interphase <AS>

10. The repetition-heavy Meisner technique and Viewpoints are two ways of teaching this skill, which was defined in terms of attaining “objectives” by Stanislavsky. For 10 points each:

[10] Name this profession of Richard Burbage in the Shakespearean Lord Chamberlain’s Men. In ancient Greece, all workers in this job were male and wore emotion-specific masks for scenes.

ANSWER: acting [or being an actor; or actress; or playing a character]

[10] Marlon Brando used this acting style, which involves intense emotional recall of the actor’s personal experiences. It led Daniel Day Lewis to build a canoe before filming *The Last of the Mohicans*.

ANSWER: method acting

[10] This 18th-century master actor pioneered a more natural style and managed the Drury Lane Theater. This friend of Samuel Johnson gained fame for his look of surprise when his Hamlet saw the ghost.

ANSWER: David Garrick <MJ>

11. This man depicted political dissidents in a Soviet asylum in *Every Good Boy Deserves Favour* and some more during the Prague Spring in *Rock n Roll*. For 10 points each:

[10] Name this Czech-born British playwright of *Arcadia*, who wrote an inverted version of Hamlet in his *Rosencrantz and Guildenstern are Dead*.

ANSWER: Tom Stoppard [or Tomáš Straußler]

[10] This King of Denmark is angered by actors in *Rosencrantz and Guildenstern are Dead*. In the real *Hamlet*, he usurps the throne and marries Gertrude after poisoning Hamlet’s father.

ANSWER: Claudius

[10] Tom Stoppard’s *The Real Inspector Hound* is a satire of this genre, in which the critics Moon and Birdboot watch an example. Actors in the most famous play of this genre ask the audience not to reveal the ending.

ANSWER: murder mystery [or whodunit; prompt “mystery,” “crime,” “murder,” etc.][*Agatha Christie’s The Mousetrap*] <SJW>

12. Answer some questions about a type of video game, for 10 points each:

[10] This 1992 id Software game popularized a new genre. Its protagonist, Allied agent B.J. Blazkowicz, fights his way out of the title Nazi prison building. Its final boss is Mecha-Hitler.

ANSWER: Wolfenstein 3D [prompt on “Wolfenstein”]

[10] This 1999 Valve game was modded to make the original Counter-Strike. Its protagonist, physicist Gordon Freeman, fights through the Black Mesa facility when an experiment goes wrong and aliens invade.

ANSWER: Half-Life [do not accept “Half-Life 2” or other wrong answers pointing to sequels]

[10] *Wolfenstein 3D* and *Half-Life* are video games of this genre, where the player sees and fires weapons from the protagonist’s perspective.

ANSWER: first-person shooter [or FPS; prompt partial answers] <BS>

This author wrote about Camille’s wife and her affair with Laurent in *Therese Raquin*. For 10 points each:

[10] Name this French naturalist author of *Nana*, who weighed in on the Dreyfus affair with his open letter *J’Accuse*.

ANSWER: Emile François Zola

[10] This Zola novel, set in Monstsou, features a love triangle between Old Maheu’s daughter Catherine, Chaval, and the protagonist Étienne Lantier, who leads an unsuccessful coal miners’ strike.

ANSWER: Germinal

[10] *Germinal* is thirteenth in a cycle of twenty Zola novels titled for two branches of a Second Empire family, which also included *Nana* and *L'Assomoir*. Name either branch.

ANSWER: the **Rougon** family AND/OR the **Macquart** family [Accept either, in either order, or both, or **Rougon-Macquart**] <SJW>

14. This lover of Yekaterina Dolgorukova worked with advisor Nikolay Milyutin on many reforms. For 10 points each:

[10] Name this tsar who signed off on ending the Crimean war. He was killed when the radical group People's Will threw a bomb at his carriage in 1881.

ANSWER: **Alexander II** Romanov

[10] This Russian social class was legally emancipated in 1861 by Alexander II's orders.

ANSWER: Russian **serfs**

[10] These new elected assemblies were begun by another Alexander II reform in 1864 to provide public services locally. Though peasants had some voice in them, the nobility held about two-thirds of their seats.

ANSWER: **zemstvos** <MJ>

15. This painter of the guitar-strumming *Mezzetin* showed a merchant selling art in his *Gersaint's Shop* sign. For 10 points each:

[10] Name this tubercular French painter whose paintings of *commedia dell'arte* characters include the white-clad *Pierrot*, or *Gilles* (ZHEEL). He repainted a scene of an outdoor *fête galante* to include a distant ship's mast.

ANSWER: Jean-Antoine **Watteau**

[10] Watteau painted in this light-hearted, ornate style which succeeded Baroque. Examples of this style in painting include Watteau's *Embarkation for Cythera* and Fragonard's *The Swing*.

ANSWER: **rococo**

[10] Many of these creatures fly around the ship's mast in Watteau's *Embarkation for Cythera*. A statue in the garden setting of *The Swing* shows two of these fat winged babies.

ANSWER: **cherubs** [or **putti**; or **puttoes**; or **cupids**; or **amorini**; or **amorinoes**; prompt on "angels"] <MJ>

16. Answer the following about classical music composed for children, for 10 points each.

[10] This English composer used a theme by Henry Purcell as the basis for his *The Young Person's Guide to the Orchestra*. He also composed *War Requiem* and operas like *Peter Grimes*.

ANSWER: Benjamin **Britten**

[10] Sergei Prokofiev wrote this work for orchestra and narrator to introduce children to the sounds of various instruments. Three horns represent the second title character, who swallows a duck represented by the oboe.

ANSWER: **Peter and the Wolf**

[10] This fairy-tale opera grew out of several children's songs by its composer Engelbert Humperdinck. Its two title characters sing an evening prayer before falling asleep in the forest in Act II.

ANSWER: **Hansel and Gretel** [or **Hänsel und Gretel**] <KK>

17. Answer these questions about the second-most disruptive apple ever, presuming the fruit in the Garden of Eden was actually an apple, for 10 points each.

[10] This inscription was carved into a golden apple which the goddess of discord, Eris, threw into a wedding feast to which she wasn't invited. This phrase led Athena, Hera, and Aphrodite to all claim the apple.

ANSWER: **"For the fairest one"** [or **"To the fairest one;"** or **"For/to the most beautiful;"** or **"te kalliste"**; or **"te kallisti"**; or **pulcherrimae**; accept answers specifying "woman" or "goddess" rather than "one"]

[10] This bratty prince got to abduct Helen after he gave the apple to Aphrodite in his namesake "judgment" of which goddess was fairest.

ANSWER: **Paris**

[10] Name *both* the bride *and* the groom at the wedding where Eris threw the apple. The bride was an ocean nymph who later begged Hephaestus to forge a shield, and the groom was an exiled prince of Aegina.

ANSWER: Thetis AND Peleus <DL/MJ>

18. William B. Ide took power after this revolt. For 10 points each:

[10] Name this revolt in which settlers in Sonoma proclaimed independence from Mexico. It lasted 26 days before the U.S. Army occupied the area.

ANSWER: Bear Flag Revolt

[10] This general, nicknamed the “Pathfinder,” established US control of California after the Bear Flag revolt. He was the first Republican Presidential candidate in 1856.

ANSWER: John Charles Frémont

[10] The original bear flag was destroyed by a fire following this 1906 disaster, which was spurred by activity in the San Andreas Fault.

ANSWER: San Francisco bay earthquake of 1906 <AT>

19. [Note to moderator: read the second bonus part slowly and deliberately.]

This term describes a solid that comes out of solution. For 10 points each:

[10] Give this term that also describes a class of reactions in which two electrolytic compounds react to leave behind a nonelectrolytic compound.

ANSWER: precipitate [or precipitation; or other word forms]

[10] Consider an aqueous solution containing the following ions in their preferred valencies: sodium, silver, nitrate, and chloride. Will a precipitate be formed, and if so, what will it be?

ANSWER: yes, and silver(I) chloride [accept AgCl; accept any answer that mentions both silver and chlorine but not “sodium” or “nitrate”; prompt on just “yes” or any other affirmative response]

[10] In that reaction, sodium and nitrate are described as this type of ion, because they do not participate in the reaction.

ANSWER: spectator ions <AS>

20. The preface to this collection claimed that it was an experiment “to ascertain how far the language of... the middle and lower classes... is adapted to the purpose of poetic pleasure.” For 10 points each:

[10] Name this 1798 collection of Romantic poetry, to which Samuel Taylor Coleridge only contributed four poems, including “The Rime of the Ancient Mariner.”

ANSWER: Lyrical Ballads, with a Few Other Poems

[10] Coleridge collaborated on *Lyrical Ballads* with this British poet of “Tintern Abbey.” He encounters daffodils in “I Wandered Lonely As a Cloud.”

ANSWER: William Wordsworth

[10] Wordsworth dedicated this autobiographical epic poem to Coleridge. It describes his youth, his time at Cambridge, and adventures such as unwittingly crossing the Alps.

ANSWER: *The Prelude or, Growth of a Poet's Mind; An Autobiographical Poem* <SJW>

21. Answer these questions about American visual art, for 10 points each.

[10] Jasper Johns used encaustic to depict this venerated visual object. Almost everything about the story in which Betsy Ross designed this icon is a total myth.

ANSWER: the flag of the United States of America [accept American flag or U.S. flag; or the stars and stripes]

[10] John Singer Sargent had to repaint a less scandalous shoulder strap on this portrait, which depicts a French lady resting a hand on a table while wearing a black dress with a low V-neck.

ANSWER: *Portrait of Madame X*

[10] This American history painter created *The Battle of Bunker Hill* and showed many green tablecloths in *The Signing of the Declaration of Independence*.

ANSWER: John **Trumbull** <MJ>