

2015 SCOP 6 Middle School Edition

Round 3

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Tossups

1. A poem in this style describes the “sound of water” after a frog jumps into an old pond, and was written by a master of this poetic form, Matsuo Basho. These poems use “cutting words” to divide contrasting images of nature, and are written in seventeen (*) Japanese characters. For 10 points, name these Japanese poems written with lines of five, seven, and five syllables.

Answer: haiku (accept hokku)

2. With his nephew, this god built the walls of Troy. This Greek god of horses cursed Odysseus for blinding his son Polyphemus. This husband of Amphitrite [am-fih-TRY-tee] wielded a (*) trident, and this god was the brother of Hades and Zeus. For 10 points, name this Greek god of the sea.

Answer: Poseidon (accept Apollo before “nephew” is read; do not accept Neptune)

3. Prior to this war, the Chesapeake-Leopard affair led to outrage over forced military service. During this war, Andrew Jackson fought the Battle of New Orleans even though the Treaty of (*) Ghent had been signed. First Lady Dolley Madison was forced to flee the capital in, for 10 points, what American war, during which the British burned Washington DC?

Answer: War of 1812

4. Teachers of this religion must learn halakhah, including six hundred thirteen mitzvot, a series of commandments that were given on Mount Sinai. Members of this faith celebrate Seder [say-der] in memory of the (*) Passover, when Moses led this faith’s believers out of slavery. For 10 points, name this religion, whose Patriarchs are Abraham, Isaac, and Jacob.

Answer: Judaism (accept Jewish people or faith; accept Jews; accept Yehudim; do not accept other Abrahamic religions, such as “Christianity”)

5. Karl Blodig climbed all major “four-thousanders” in this mountain range. Lakes Lucerne and Geneva, as well as the origins of the Rhone and the Rhine Rivers, are found in this range, which includes Mont Blanc and the (*) Matterhorn. Hannibal’s elephants mostly failed to cross, for 10 points, what mountain range on the border between Switzerland and Italy?

Answer: Alps (accept Southern Alps)

6. Because it has the ability to dissolve this element, a mixture of nitric and hydrochloric acid was given the nickname “aqua regia,” or “royal water.” Ernest Rutherford proved the existence of the atomic nucleus using a thin foil of this (*) precious metal, which is found below silver on the periodic table. For 10 points, name this heavy transition metal with symbol Au.

Answer: gold (accept aurum; prompt on “Au” before it is read)

7. A sculpture of this man shows him wearing only a hat and boots and standing on his opponent's head, and was cast in bronze by Donatello. A marble statue of this biblical figure shows him standing casually, with a (*) slingshot draped over his shoulder. Michelangelo sculpted, for 10 points, what biblical king who slew Goliath?

Answer: King David (accept Dawud)

8. Missions to this planet include *Mariner* and a mission that landed using a “sky crane.” That mission never reached this planet’s volcano, Olympus Mons, in the quest for water on this planet. (*) Phobos and Deimos are the moons of this planet, the current home of the *Curiosity* rover. No evidence of life has yet been found on, for 10 points, what so-called “Red Planet?”

Answer: Mars (prompt on the “Red Planet” before it is read)

9. In this novel, Charles and Mercedes drown after Hal is attacked, and the protagonist wins a fight against Spitz after being trained by a man in a red sweater. When Yeehat tribesmen kill John Thornton in this novel, (*) Buck goes to live with wolves and becomes known as a “Ghost Dog.” For 10 points, name this novel by Jack London, contrasted with *White Fang*.

Answer: The Call of the Wild

10. The Rock Edicts were created by a convert to this religion, Ashoka the Great. The Maha Bodhi Society helped revive this religion, whose founder sought enlightenment under a bodhi tree and was named (*) Siddhartha Gautama. For 10 points, the Dalai Lama practices what Indian religion, which believes that souls are reborn until they achieve nirvana?

Answer: Buddhism

11. This mathematical operation can be done on two matrices if their dimensions are identical. A sequence is “arithmetic” [ay-rith-MEH-tick] if its terms can be found by using this operation repeatedly with the same value. (*) Zero is this mathematical operation’s identity. For 10 points, name this basic mathematical operation, the inverse of subtraction.

Answer: addition (accept summation; accept word forms like adding; accept plus)

12. This system scores 10,000 points on the Herfindahl index. It can be “coercive” or “natural,” which is usually the case with utilities like electricity and water. This market structure often occurs due to high barriers to entry, and it leads to higher (*) prices due to lack of competition. For 10 points, name this market structure in which there is only one seller.

Answer: monopoly

13. This novel’s protagonist meets two children named Ignorance and Want, and he relives a ball hosted by Mr Fezziwig when he was a clerk. This novel’s protagonist meets his dead partner, Jacob (*) Marley, and sends an enormous turkey to Bob Cratchit and Tiny Tim. For 10 points, name this work by Charles Dickens, in which Ebenezer Scrooge learns the meaning of the title holiday.

Answer: A Christmas Carol

14. This man admitted to plagiarizing Daniel Clowes for his film *Howard Cantour.com*, a move which prompted him to wear a bag over his head that read “I’m not famous anymore.” A Rob Cantor video calls this actor an (*) “actual cannibal,” and in one role, this actor buys a 1969 Camaro which is secretly the autobot Bumblebee. For 10 points, what actor played Sam Witwicky in the first three Transformers films?

Answer: Shia Saide LaBeouf

15. This president organized a meeting between Menachem Begin and Anwar Sadat. In 2015, he said he would like to see the guinea worm die before he does, in an announcement of his cancer diagnosis. The (*) Camp David Accords were brokered by, for 10 points, what U.S. President from Georgia, who won a Nobel Peace Prize for his work building houses with Habitat for Humanity?

Answer: James Earl “Jimmy” Carter, Jr

16. *Cuon* [COO-on] and *Lycaon* [lye-KAY-un] split from this taxonomic genus, leading to the development of the dhole [dohl] and “painted” species of this genus. Scavenging at human garbage dumps likely led to the domestication of this genus. Artificial selection within this genus produced breeds like (*) spaniel and terrier. For 10 points, name this genus that includes wolves and dogs whose name also describes their large, fang-like teeth.

Answer: Canis (accept canines; accept dogs before it is read)

17. In order to gain the support of Napoleon III, this country’s first prime minister, the Count of Cavour, provoked a war with Austria. Forces from this country launched the Expedition of a Thousand in order to conquer the Kingdom of the Two (*) Sicilies; that attack was commanded by Giuseppe Garibaldi. For 10 points, Victor Emmanuel II became king of what country, whose capital is Rome?

Answer: Italy (accept Italian Republic)

18. In Geoffrey of Monmouth’s *Historia*, this character helps Vortigern discover two dragons beneath his castle. This character is tricked by Nimue after living his life backwards. This mythological man predicted the triumph of King Uther, mentored (*) Morgan Le Fay, and created the Round Table. For 10 points, name this wizard companion of King Arthur.

Answer: Merlin (accept Ambrosius Merlin or Merlin Ambrosius; accept Ambrose Merlin)

19. Thermal and fast breeders produce material that undergoes this process that occurred at Chicago Pile-1. Water acts as a moderator and coolant in power plants that use this process, which is sustained once the material reaches critical mass. The (*) Manhattan Project developed a man-made form of, for 10 points, what type of nuclear reaction where energy is produced from the splitting of an atom, as opposed to fusion?

Answer: nuclear fission

20. This composer of *Così fan tutte* wrote the song “Der Hölle Rache” [dayr HOH-luh RAH-kuh], in which a very high F is sung by the Queen of the Night as she orders Pamina to murder Sarastro. This composer told the story of Don Juan in one opera and of the (*) marriage of Figaro in another. For 10 points, name this Austrian composer of the operas *Don Giovanni* and *The Magic Flute*.

Answer: Wolfgang Amadeus Mozart

Bonuses

1. Answer the following about car crashes involving celebrities, for 10 points each.

[10] Wiz Khalifa dedicated “See You Again” to this *Fast and Furious* star, who died in a car crash in November 2013 with his friend Roger Rodas.

Answer: Paul **Walker**

[10] In 1997, this English Princess was killed in a crash car in Paris. Her death has largely been blamed on aggressive paparazzi, though an investigation suggested that her driver, Henri Paul, was drunk.

Answer: Princess **Diana** (accept **Diana**, Princess of Wales; accept **Diana** Spencer)

[10] In 2014, this former *SNL* and *30 Rock* cast member was injured when a Wal-Mart truck crashed into his tour bus.

Answer: Tracy Jamal **Morgan**

2. Fortune tellers are forced to walk with their heads twisted backward for all eternity in this poem, in which unbaptized, virtuous people stay in a castle in Limbo. For 10 points each,

[10] Identify this first entry in Dante’s *Divine Comedy*, in which Dante explores the Circles of Hell.

Answer: **Inferno**

[10] Dante is accompanied through Hell and part of Purgatory by this Roman poet, a resident of Limbo. This author of the *Aeneid* hands Dante off to the beautiful Beatrice as Dante approaches Heaven.

Answer: **Virgil**

[10] In the frigid ninth Circle of Hell, Dante and Virgil encounter Satan chewing on the legs of Cassius and Brutus, and on the head of this man.

Answer: **Judas** Iscariot

3. This largest internal organ produces bile that is used in digestion. For 10 points each,

[10] Name this organ that removes toxins such as alcohol from the bloodstream.

Answer: **liver**

[10] Type A, B, and C viral infections may cause this inflammation of the liver. In some cases, this disease is spread by sexual contact and can be prevented by vaccine.

Answer: **hepatitis**

[10] Malfunction of the liver may cause bilirubin stores to increase and cause this condition which results in yellowing of the skin and eyes.

Answer: **jaundice**

4. History books make it seem like exactly one man had any fun during the Spanish American War. For 10 points each,

[10] This man joined the volunteer-based Rough Riders after his poor eyesight prevented his enlistment.

Answer: **Theodore** **Roosevelt** (prompt on “T.R.”)

[10] Prior to his failed enlistment, Roosevelt served as the Acting Secretary for this branch of the military for four hours, during which time he asked permission to recruit more sailors.

Answer: United States **Navy**

[10] Roosevelt and the Rough Riders gained acclaim during this battle. During this battle, the Rough Riders charged up Kettle Hill while the First Infantry attacked this battle’s other, namesake hill.

Answer: Battle of **San Juan** Hill (accept Battle of **San Juan Heights**)

5. This character was originally named Edward Bear, but he acquired his more common name after a little boy visited the London Zoo. For 10 points each,

[10] Name this popular children's character, the best friend of Christopher Robin and Piglet.

Answer: Winnie-the-**Pooh** (accept Winnie-the-**Pooh**; accept **Pooh-Bear**)

[10] This English author created Winnie-the-Pooh for stories he told his son, Christopher Robin, and adapted the tales into books like *The House at Pooh Corner*.

Answer: A(lan) A(lexander) **Milne**

[10] *The House at Pooh Corner* and other Winnie-the-Pooh tales were illustrated by E.H. Shepard, who also illustrated this novel about Toad of Toad Hall, written by Kenneth Grahame.

Answer: The **Wind in the Willows**

6. This artist painted *Café Terrace at Night* and *Bedroom in Arles* [AHRL], along with forty-three self-portraits, one of which has a bandaged ear. For 10 points each,

[10] Name this Dutch painter of *The Potato Eaters*, who may have lost his ear in a fight with a fellow artist.

Answer: Vincent (Willem) **Van Gogh**

[10] After losing his ear, Van Gogh painted this masterpiece from a mental asylum. In this painting, a dark cypress tree stands in front of a sky full of swirling balls of light.

Answer: **Starry Night**

[10] Van Gogh also painted several still lifes showing these large yellow flowers in a vase set against a blue background.

Answer: **sunflower**s (accept **tournesols**)

7. For 10 points each, give the following about intersecting lines.

[10] The intersection of two lines creates four angles; no matter what angles are created, what is the sum of the degree measurements of those four angles?

Answer: **360** degrees

[10] Of those four angles, there will be two pairs of angles with equal measurement that are on opposite sides of the intersection point. This term describes those equal angles, as well as any line with an undefined slope.

Answer: **vertical** angles (or **vertical** line)

[10] This term describes a line that intersects two other lines at two different points; if those two other lines are parallel, this line creates pairs of equal alternating angles and equal corresponding angles.

Answer: **transversal** (do not accept “transverse”)

8. This mineral is found in emery powder and was used to construct the first laser. For 10 points each,

[10] Name this crystalline form of aluminum oxide, found in gemstones like ruby and sapphire.

Answer: **corundum**

[10] Corundum is usually mined from deposits of gneiss [“nice”], schist, marble, and other rocks of this type. This type of rock forms when a pre-existing rock is chemically changed by high heat and pressure.

Answer: **metamorphic** rock

[10] Corundum can scratch almost every other mineral except diamond because it has a rank of 9 on this scale of mineral hardness.

Answer: **Mohs** scale

9. This letter claims that “the wages of sin is death, but the gift of God is eternal life in Christ.” For 10 points each,
[10] Name this book of the Bible, the first in a series of letters written by a man once known as Saul of Tarsus.

Answer: Epistle to the **Romans** (accept Book of **Romans**)

[10] Romans is an epistle written by this man, who also wrote to the Corinthians and the Ephesians. Before he was blinded by the Holy Spirit on the road to Damascus, this man was known as Saul.

Answer: Saint **Paul** the Apostle

[10] Romans, Corinthians, and Ephesians are books in this section of the Bible, which begins with the gospels of Matthew, Mark, Luke, and John and ends with the book of Revelation.

Answer: **New Testament**

10. Answer some questions about the history of India. For 10 points each,

[10] Give the surname of two Indian leaders, the Prime Minister Indira and the non-violent leader of the Salt March, Mahatma.

Answer: **Gandhi**

[10] Indira Gandhi’s father was this first post-independence Prime Minister of India. On the eve of independence, this man gave his “Tryst with Destiny” speech.

Answer: Jawaharlal **Nehru**

[10] India achieved independence during a partition which also created this country. Bangladesh later split off from this country, which is a neighbor of Iran and Afghanistan.

Answer: Dominion of **Pakistan**

11. This property is contrasted with isomerism, in which a molecule’s atoms may have multiple configurations. For 10 points each,

[10] Name this property, in which a molecule’s electrons may have multiple different arrangements.

Answer: **resonance** (accept **mesomerism**)

[10] Resonant compounds generally adhere to this principle, in which each atom attempts to bond until it has eight valence electrons. Because noble gases already satisfy this principle, they do not easily bond.

Answer: **octet rule**

[10] Formate and nitrate, two molecules that exhibit resonance, are this kind of molecule, which have a charge. Depending on the number of protons and electrons these molecules have, their charge can be positive or negative.

Answer: **ions** (do not accept “anions” or “cations”)

12. This book opens by discussing the “spectre haunting Europe,” and argues that the working class has “nothing to lose but their chains.” For 10 points each,

[10] Name this political book that discusses the class struggle between the proletariat and bourgeoisie [bohr-jwah-zee], and calls on the working men of the world to unite.

Answer: The **Communist Manifesto** (accept **Manifesto of the Communist Party**)

[10] This German thinker collaborated on *The Communist Manifesto* with Friedrich Engels, and also wrote *Das Kapital*.

Answer: Karl **Marx**

[10] Friedrich Engels was from this European country. He discussed the effects of industrialism on the working class in his 1845 book, *The Condition of the Working Class* of this country.

Answer: The Condition of the Working Class in **England** (accept **Britain**; accept **United Kingdom**)

13 This phenomenon allows battleships to float even though steel is denser than water. For 10 points each,

[10] Name this upward-directed force experienced by an object immersed in a liquid that is equal to the weight of the fluid displaced.

Answer: **buoyancy** (accept **buoyant** force)

[10] This Greek mathematician’s principle explains buoyancy, and he supposedly shouted “Eureka!” after realizing that water displacement could be used to prove a gold crown was fake. This man also established the law of the lever.

Answer: **Archimedes**

[10] The buoyant force can be used to float heavy objects because of Pascal’s Principle, which states that an increase in this quantity is distributed equally throughout an incompressible fluid, supporting large floating objects. This quantity is measured in pascals, which equal a newton of force per square meter.

Answer: fluid **pressure**

14. This country was ruled by the Piast Dynasty and underwent three partitions by its neighbors. For 10 points each,

[10] Name this European country that is ruled from Warsaw and was the site of numerous rebellions against the Russian Empire.

Answer: **Poland**

[10] The third partition of Poland was led by this Russian Empress. This leader, known for her love of the arts, had earlier placed Stanislaw Poniatowski [STA-nih-slov poh-nih-TOV-skee] on the Polish throne.

Answer: **Catherine the Great** (accept **Catherine II**; prompt on “Catherine”)

[10] At the time of its partitions, Poland was in a personal union with this country. This country, which was ruled from Vilnius, was quickly assimilated by Polish culture.

Answer: Grand Duchy of **Lithuania**

15. Name the following dramatic terms that are important to *Romeo and Juliet*, for 10 points each.

[10] *Romeo and Juliet* was printed in Shakespeare's first collection of plays. The collection was published in this large page format, whose name comes from the Latin for "leaf."

Answer: **folio** (accept The First **Folio**)

[10] *Romeo and Juliet* is this type of play, contrasted with Shakespeare's histories and comedies. In this type of play, the heroes' stories end sadly.

Answer: **tragedy**

[10] In the climactic scene of *Romeo and Juliet*, the audience knows that Juliet has taken a sleeping potion, rather than poison, but Romeo does not; that is an example of what literary device?

Answer: **dramatic irony** (prompt on "irony")

16 Not all mythological women were damsels in distress. Answer the following about war goddesses, for 10 points each.

[10] This Norse goddess governed both love and war, and received half of all the men slain in battle at her mead-hall, Folkvangr [FOHLK-vong-ur].

Answer: **Freyja** (do not accept Freyr or Frey)

[10] Ishtar, a goddess of war in the religion of this region, set the Bull of Heaven on mankind after being rejected by Gilgamesh. This region stretches between the Tigris and Euphrates rivers.

Answer: **Mesopotamia**

[10] Ishtar was said to ride these animals into battle. The goddess Sekhmet, the defender of Egypt, is depicted with the head of one of these animals, and Heracles killed a Nemean one of these animals for one of his twelve labors.

Answer: **lions** (accept Panthera **leo**)

17. After one battle, this man commented, "It is well that war is so terrible--otherwise we would grow too fond of it." For 10 points each,

[10] Name this Confederate general who lost at Gettysburg, and later surrendered at Appomattox Courthouse.

Answer: Robert Edward **Lee**

[10] The poor use of pontoon bridges at the Battle of Fredericksburg led to the attempted resignation of this Union general, known for his wild facial hair.

Answer: Ambrose Everett **Burnside**

[10] A severe blow to Lee's army was the death of this general at Chancellorsville from friendly fire. This general's actions at the First Battle of Bull Run earned him the nickname "Stonewall."

Answer: Thomas Jonathan "Stonewall" **Jackson**

18. This city's 581-foot-tall BT Tower became its tallest building in 1962, but it remained "officially secret" and left off of official maps until a member of Parliament "revealed" its existence and address in 1993. For 10 points each,

[10] Name this city. The BT Tower is visible from Buckingham Palace a few miles south, even if you aren't in on the secret.

Answer: **London**, England

[10] The BT Tower is a brisk walk from the Regent's Park and Great Portland Street stations of this London subway system.

Answer: London **Underground** (prompt on "The Tube")

[10] A longer walk southwest of the BT Tower will take you to this park east of Kensington Gardens. Ignore the hecklers at its Speakers' Corner, where you are allowed to insult the Queen.

Answer: **Hyde Park**

19. This author spent two years, two months, and two days living in the woods in Massachusetts. For 10 points each,

[10] Identify this American author, who promoted self-reliance in his book *Walden*.

Answer: Henry David **Thoreau**

[10] Henry David Thoreau belonged to this American literary movement, which promoted intellectual freedom and independence from government and society.

Answer: **Transcendentalism** (accept word forms like **Transcendentalist**)

[10] Thoreau protested government presence in his life by not paying his taxes and by writing this essay, in which he rails against slavery and the Mexican-American War and argues that the "government is best which governs least."

Answer: **Civil Disobedience** (accept **Resistance to Civil Government**)

20. For 10 points each, answer the following about the Puccini [poo-CHEE-nee] opera *La Bohème* [lah boh-EM], which inspired the musical *Rent*.

[10] This title character of both *Rent* and *La Bohème* asks Rodolfo to help light her candle before dying of consumption.

Answer: **Mimi**

[10] *La Bohème* is set in the Latin Quarter and near the Barrière d'Enfer in this French capital city.

Answer: **Paris**

[10] Mimi is a character in this vocal range, the highest of the standard voice types.

Answer: **soprano** (do not accept "mezzo-soprano")