

## 2015 SCOP Novice 6

# Round 3

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### Tossups

1. An unpublished collection of these works by Allen Ginsberg begins by describing him drinking sugarless tea. 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 style, Matsuo Basho. These poems are written in (\*) seventeen characters, and use “cutting words” to divide contrasting images of nature. For 10 points, name these Japanese poems written with lines of five, seven, and five syllables.

Answer: haiku (accept hokku; prompt on “poem” before it is read)

2. With his nephew, this god was commanded by Laomedon to build the walls of Troy, and he gave the gift of a freshwater spring to Athens. He captured Demeter by transforming into a stallion, and this god of horses cursed Odysseus for blinding his son (\*) Polyphemus. This son of Cronos and Rhea was an Olympian god who wielded a trident. For 10 points, name this brother of Zeus, the Greek god of the sea.

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

3. The term “War Hawk” was first used to describe supporters of this war, and during the lead up to this war the Chesapeake-Leopard affair led to outrage over impressment. Despite the signing of the Treaty of (\*) Ghent, Andrew Jackson fought a battle at New Orleans in this war. During one event in this war, Dolly Madison was forced to flee the capital. For 10 points, name this war during which the British burned Washington D.C

Answer: War of 1812

4. Believers of this faith say “ani ma’amin” [ah-nee maa-aa-meen] while reciting thirteen articles of faith composed by Maimonides [my-MON-ih-dees]. Teachers of this religion must learn halakhah, including six hundred thirteen mitzvot, or commandments, 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. A “Southern” group with this name contains Aoraki, or Mount Cook, in New Zealand. Karl Blodig climbed all major “four-thousanders” in the European range of this name. Lakes Lucerne and (\*) Geneva, as well as the origins of the Rhone and the Rhine Rivers, are found in this range. Mont Blanc and the Matterhorn are tall peaks in, for ten points, what mountain range on the border between Switzerland and Italy?

Answer: Alps (accept Southern Alps)

6. Salts of this element were once administered intramuscularly as a method of treating rheumatoid arthritis. Aqua regia, a mixture of nitric and hydrochloric acid, was given the nickname “royal water” for its ability to dissolve this element. (\*) Ernest Rutherford proved the existence of the atomic nucleus using a thin foil of this element, 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. Bernini sculpted this figure scowling and preparing his weapon to attack. Another depiction of this figure wears only a hat and boots and stands on his opponent's head; that depiction was cast in bronze by (\*) Donatello. A marble statue of this biblical figure shows him standing contrapposto with a slingshot draped over his shoulder. Michelangelo sculpted, for 10 points, what king who slew Goliath?

Answer: King David (accept Dawud)

8. 5261 Eureka is a trojan of this body, whose regions include the Hellas Planitia and the Valles Marineris, the latter being named for the Mariner mission. Another mission to this planet landed using a “sky crane” but never reached its volcano, (\*) Olympus Mons, as it focused on evidence of water. This destination of the *Curiosity* rover has moons Phobos and Deimos. To date, 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. This work's protagonist is nursed by Skeet and wins a bet against Matthewson. Charles and Mercedes drown after Hal is attacked in this novel, 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 one follower of this religion, and that follower, Ashoka the Great, converted to this religion after the bloodshed of the Kalinga War. Anagarika (\*) Dharmapala helped revive this religion through the Maha Bodhi Society. This religion was partially revived in India when the fourteenth Dalai Lama fled Tibet. For 10 points, name this nirvana-seeking religion which follows the teachings of Gautama.

Answer: Buddhism

11. The operator for an incremental version of this operation inspired the name of an offshoot of the C programming language. This operation can be done on two matrices if their dimensions are identical. A sequence is (\*) arithmetic if its terms can be found by using this operation repeatedly with the same value. The identity of this operation is zero. For 10 points, name this basic arithmetic operation, the inverse of subtraction.

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

12. This condition is the subject of the Pacman conjecture, and government restrictions can lead to the “coercive” type of it. Economies of scale help create the “natural” type, which includes utilities like electricity, water, and telecommunications. 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 plays with Topper and Fred at a dinner party when he forgets he is invisible, and he meets two children named Ignorance and Want. In this novel, the protagonist relives a ball hosted by Mr (\*) Fezziwig, 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 stated “I’m not famous anymore.” This actor appears at the end of a Rob Cantor video which labels him an (\*) “actual cannibal.” In one role this actor buys a 1969 Camaro which is secretly the autobot Bumblebee. For 10 points, who is this actor that played Sam Witwicky in the first three Transformers films?

Answer: Shia Saide LaBeouf

15. This politician stated that American citizens were having a “crisis of confidence” in his Malaise speech. This president organized a meeting between Menachem Begin and Anwar Sadat, and this president’s hopes for reelection were lost after the failure of Operation (\*) Eagle Claw, an attempt to end the Iran Hostage Crisis. The Camp David Accords were brokered by, for 10 points, what President who lost the election of 1980 to Ronald Reagan and won a Nobel Peace Prize for his work with Habitat for Humanity?

Answer: James Earl “Jimmy” Carter, Jr

16. *Cuon* [CUE-on] and *Lycaon* [lie-KAY-un] are two genuses that split from this taxonomic group, leading to the dhole [dohl] and “painted” species, respectively. Evolution within this genus inspired an ongoing Russian study of foxes, and (\*) domestication of these animals likely began when its members scavenged human garbage dumps. Darwin described the artificial selection within this genus that produced breeds like spaniel and terrier. For 10 points, name this genus that includes wolves and dogs.

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

17. Retreating huscarls in this battle made a failed, last ditch stand in the Malfosse, wounding Eustace of Boulogne. This battle was commemorated by a work commissioned by Odo, Earl of Kent. The loser of this battle was weakened by his victory over Harald Hardrada a month earlier at (\*) Stamford Bridge. For 10 points, name this battle, commemorated in the Bayeux [bah-YOO] embroidery, in which Harold Godwinson was defeated by William the Conqueror, leading to the 1066 Norman conquest of England.

Answer: Battle of Hastings

18. In the *Prose Brut*, a chronicle of Britain, this man's mother is listed as Adhan [a-than], and Geoffrey of Monmouth's *Historia* recounts this character helping Vortigern discover two dragons beneath his castle. This character is tricked by (\*) Nimue after living his life backwards. In various tales, he 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 buildings that implement this process, which is sustained once the material reaches (\*) critical mass. For 10 points, name this reaction in which an isotope such as plutonium-239 or uranium-235 is split, producing energy, that was the focus of the Manhattan project.

Answer: nuclear fission

20. This composer wrote “Per pieta, ben mio, perdona” to express Fiordiligi's [fee-YOR-dee-lee-gee's] rejection of Ferrando. This composer of *Così fan tutte* wrote the song “Der Hölle Rache,” in which a very high F is sung by the (\*) Queen of the Night, to order Pamina to murder Sarastro. Another of his operas tells the story of Don Juan. For 10 points, name this Austrian composer of *Don Giovanni* and *The Magic Flute*.

Answer: Wolfgang Amadeus Mozart

## Bonuses

1. 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 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**)

2. 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 an increase in fluid pressure is exerted in all directions, a fact explained by this French mathematician’s principle. This man used his principle to build the first hydraulic press.

Answer: Blaise **Pascal**

3. 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**

4. 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

5. 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**

6. 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**

7. 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 issued in this format, which is larger than a quarto.

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")

8. 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] This Mesopotamian goddess wielded a bow and arrow when she led her troops to war. She also set the Bull of Heaven on mankind after being rejected by Gilgamesh.

Answer: **Ishtar** (accept **Istar**; accept **Inana**)

[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**)

9. In an opera by Puccini [poo-CHEE-nee], Musetta, Colline, and Marcello sell their possessions to buy this character some medicine, but she dies before they return. For 10 points each,

[10] Name this operatic character, who asks Rodolfo to help light her candle.

Answer: **Mimi**

[10] Mimi dies of tuberculosis in this Puccini opera, which inspired the musical *Rent*.

Answer: La **Bohème**

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

Answer: **Paris**

10. It seems like Teddy Roosevelt was the only man who had any fun during the Spanish American War. Answer some questions about his time in Cuba, for 10 points each.

[10] After the explosion of the *Maine*, Roosevelt temporarily became the Secretary for this branch of the military. During those four hours, Roosevelt asked permission to recruit more sailors for this branch.

Answer: United States **Navy**

[10] Not content to sit behind a desk, Roosevelt quickly enlisted. However, after being rejected for his poor eyesight, he instead joined this famous volunteer cavalry regiment.

Answer: The **Rough Riders** (accept **First US** Volunteer Cavalry Regiment)

[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**)

11. 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-ther-**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**

12. Iron is essential to the Haber process because it lowers this quantity, allowing hydrogen and nitrogen to combine. For 10 points each,

[10] Name this measure of the minimum amount of energy needed to start a chemical reaction. It is lowered by the introduction of catalysts.

Answer: **activation energy** (accept  $E_a$ )

[10] This complex is formed once activation energy is reached, though it is an unstable intermediate that reforms into the products almost immediately. In reaction diagrams, this state is marked by a double dagger symbol.

Answer: **transition** state

[10] Transition states always become products in these types of reactions, exemplified by combustion. These reactions proceed in only one direction, as products cannot convert back to reactants.

Answer: **irreversible** reactions

13. 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] Lee commented on his fondness for war after this 1862 battle. In the aftermath of this battle, Ambrose Burnside offered his resignation over his poor use of pontoon bridges.

Answer: Battle of **Fredericksburg**

[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**

14. This man 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* and the swirly *Starry Night*.

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

[10] Van Gogh briefly lived with this other artist, who may have been responsible for removing Van Gogh’s ear. This Frenchman painted Tahitian *Bathers* and *The Yellow Christ*.

Answer: (Eugène Henri) Paul **Gauguin**

[10] While they were rooming together, Gauguin painted a portrait of Van Gogh entitled *The Painter of these flowers*. Van Gogh painted several still lifes showing these large flowers in a vase on a blue background.

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



15. 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.

Answer: **vertical** angles

[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”)

16. 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 ten 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**

17. 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**)

18. 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 examples of this rock 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 hardness of 9 on this scale.

Answer: **Mohs** scale

19. 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**

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

[10] Name this 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. This country whose name means “Land of the Pure” later had its eastern portion become Bangladesh.

Answer: Dominion of **Pakistan**