2014 SCOP Novice 5

Round 1

Alston Boyd • Brad Fischer • Becca Kobernat • Alec Krueger • Sabrina Lato • Mike Laudermith Dylan Minarik • Shayaan Naseer • Dr. Noah Prince • Kristin A. Strey • Brittany Trang • Tyler Vaughan Shreyas Vissapragada • Michael H. Wong • Yinga Xia

Tossups

1. **The *Jeanie Johnston* had a perfect safety record while transporting refugees of this event, who often fled in coffin ships. "Souperism" was the practice of providing food and Protestant teaching to Catholic children who suffered in this event. It was ended in part by Robert (\*)** Peel's 1846revoking of the Corn Laws, allowing cheaper food imports. For 10 points, name this mass starvation in 19th century Ireland, caused by a blight of a certain crop.

Answer: (Great) **Irish Potato Famine** (accept any answer that describes **hunger** in **Ireland** related to bad **potatoes**, though "Irish" is not needed after "Ireland" is mentioned; prompt on partial answer)

1. **The speaker of this poem, “knowing how way leads on to way,” believes he “shall be telling this with a sigh / somewhere ages and ages hence.” This poem describes “leaves no step had trodden black,” on a path “less traveled by” that the speaker finds in a (\*)** “yellow wood,” and it concludes“and that has made all the difference.” For 10 points, name this Robert Frost poem in which the speaker chooses between two “equal” paths.

Answer: The **Road Not Taken**

1. **This country lies southeast of Mayotte, a French département that is claimed by Comoros. While it itself was under French control, this country became known as the Malagasy Republic for two decades before its full independence. This fourth largest (\*)** island in the world is separated from themainland by the Mozambique Channel. For 10 points, name this African island nation with capital Antananarivo, home to many lemurs.

Answer: **Madagascar**

1. **An ideal gas of these particles cooled near absolute zero shows quantum effects on a large scale. The W and Z particles are subtypes of these particles that carry the weak force, and in 2013, the Large Hadron Collider tentatively (\*)** confirmed the existence of one of these particles that carriesmass. For 10 points, name these elementary particles with integer spin, contrasted with fermions and exemplified by the mass-carrying “Higgs” type.

Answer: **boson**s

Round 1

Page **2** of **11**

1. **A scout quit his job when Houston didn't pick this player #1 overall in 1992. In 2011, he homered off David Price for his 3,000th hit. A recording of Bob Sheppard's voice introduced this player's home at-bats, including a (\*)** walk-off single in his final home game. For 10 points, name thiscaptain who wore number 2 as the starting shortstop for five World Series-winning New York Yankees teams before retiring in 2014.

Answer: Derek **Jeter**

1. **In one work by this author, the fake doctor Callimaco tricks Nicia and sleeps with his wife, Lucrezia. This author of *The Mandrake* praised Roman republics, and another work compared fortune to a lady who must be beaten. He noted Cesare Borgia as a rare case of a successful (\*)** rulerwho gained power through luck, rather than force, as it is "safer to be feared than loved." For 10 points, name this 16th century Italian author of *The Prince*.

Answer: Niccolo **Machiavelli**

1. **Ireland's Giant's Causeway consists of hexagonal columns of this type of rock. It can be divided into felsic rocks, like rhyolite, and mafic rocks, like scoria, which may have gas bubbles trapped within it during its rapid formation. Other examples of this type of rock include (\*)** basalt andpumice, which form from the cooling of lava. For 10 points, name this classification of rocks, one of three main types with sedimentary and metamorphic.

Answer: **igneous** rocks (accept **basalt** before "felsic")

1. **This man stabbed Henry Rathbone to begin his escape. Boarding house owner Mary Surratt was one of four people hanged for conspiring with this man, who was shot and killed in a burning barn. Samuel Mudd was arrested for treating this man's (\*)** leg, which was broken after he fell to the stageof Ford's Theater, shouting "Sic semper tyrannis!" For 10 points, name this actor and Confederate supporter who, on April 14th, 1865, shot and killed Abraham Lincoln.

Answer: John Wilkes **Booth**

1. **Both ammonia and this element bond to platinum in the chemotherapy drug cisplatin. The insecticide DDT contains carbon, hydrogen, and this element. An acid of this element combines with nitric acid to give (\*)** aqua regia; that acid is also found in the stomach and is commonly used intitration. For 10 points, name this element, commonly used to clean swimming pools, whose atomic symbol is Cl.

Answer: **chlorine**

10. **On the right side of this painting is a red barn, and on the left, a green railing can be seen on the**

**porch of the Dibble House, which the artist encountered in Iowa. One of the two central figures in**

**this work wears a colonial apron, and the other wears (\*)** overalls. The artist’s sister and dentist

modeled for, for 10 points, what Grant Wood painting, in which a sad-looking woman and a farmer

holding a pitchfork stand in front of a house?

Answer: **American Gothic**

SCOP Novice 5

Round 1

Page **3** of **11**

1. **In one novel by this author, George Ponderevo helps his uncle sell the title fake drug, *Tono* *Bungay.* He wrote about Prendrick and human-animal hybrids in *The Island of Doctor Moreau.* Inone novel, the protagonist loses an Eloi named Weena in a fire he sets to escape the (\*)** Morlocks,and in another, Martians invade Earth but are killed by common disease. For 10 points, name this author of *The Time Machine* and *The War of the Worlds.*

Answer: H(erbert) G(eorge) **Wells**

1. **In Judaism, one of these creatures is a transformed man named Enoch, and another creature of this type stood in the way of Balaam’s donkey. Two of these creatures visited Lot’s home before the destruction of Sodom. These creatures are organized into (\*)** “hosts,” which include seraphim andcherubim. For 10 points, name these holy beings, whose leaders include Michael and Gabriel, and who are often depicted wearing halos.

Answer: **angel**s (accept **archangel**s before “Balaam” is read)

1. **In this leader's farewell address, he noted that, until World War II, "American makers of plowshares could [...] make swords as well." He used the Army to desegregate Central High School in Little Rock, and he was inspired by the Autobahn to develop the national (\*)** Interstate system.This Supreme Commander of the Allied Forces led the invasion of Normandy on D-Day. For 10 points, name this general who served as U.S. President following Harry Truman.

Answer: Dwight David **Eisenhower**

14. **Due to this country's nearly $2 billion debt, Gazprom shut off delivery of natural gas in June** **2014. This country was led by Viktor Yanukovich until February 2014; one month later, its peninsula on the Black Sea, including its city of (\*)** Sevastopol, was annexed by its eastern neighbor.For 10 points, name this Eastern European country, now led by Petro Poroshenko from its capital of Kiev, which has recently struggled with pro-Russian separatists. Answer: **Ukraine**

15. **The title object of this musical composition is forged by Alberich. Its composer built a theater in**

**Bayreuth [bi-ROYT] specifically to host this work, which takes 16 hours to perform over four nights. It ends with Brunnhilde riding into a (\*)** funeral pyre and the burning of the Hall of the Gods.*Das Rheingold* [RINE-gold], *Die Walküre* [dee VAL-koor], *Siegfried*, and *Götterdämmerung* make up,for 10 points, what epic four-opera "cycle" written by Richard Wagner [ree-kart VAHG-ner]?

Answer: The **Ring of the Nibelung** (or The **Ring Cycle** or the Der **Ring des Nibelungen**; accept Das Rheingold before "16 hours" is read)

1. **This author wrote about an old woman who refused payment to a thieving doctor because she couldn’t see her belongings. In other stories by this man, a mouse saves a lion from hunters and a farmer kills a goose that lays (\*)** golden eggs. Another of his tales teaches that “slow and steady winsthe race.” “The Tortoise and the Hare” and “The Boy who Cried Wolf” are by, for 10 points, this ancient

Greek author of namesake fables. Answer: **Aesop**

SCOP Novice 5

Round 1

Page **4** of **11**

1. **These mathematical objects have inverses if and only if they are bijective. If one of these objects is “onto,” then its entire range is covered; if it is “one-to-one,” it can pass the horizontal line test in addition to the (\*)** vertical line test, which all of these objects can pass. For 10 points, give thismathematical term describing a relation for which each input has exactly one output, often written *f(x)* ["f of x"].

Answer: **function** (prompt on “map” or “mapping;” prompt on “graph”)

1. **Levels of this molecule in the liver are reduced by HMG CoA [koh-ay] reductase inhibitors, better known as statins. This molecule, which is transported through the circulatory system by lipoproteins, is a precursor of vitamin D and estrogen. A build-up of this waxy substance can cause**

**(\*)** atherosclerosis, the hardening of arteries. For 10 points, name this modified steroid molecule whoseLDL, or low-density, form is known as its “bad” type for its role in heart disease.

Answer: **cholesterol**

19. **The exile Hippias advised the losing side in this battle, whose men panicked and ran into** **swamps. The winning general of this battle, Miltiades [mill-tye-ah-dees], organized troops to defend the only two paths off the beach, then ordered a devastating phalanx assault. After this loss for (\*)** Darius the Great, the Persian army retreated from Greece for 10 years. For 10 points, name this 490 BCE battle, after which Pheidippides [fay-ih-dip-ih-dees] legendarily ran 26 miles to Athens. Answer: Battle of **Marathon**

1. **This goddess turned the spilled blood of her lover into sea anemones after he was killed by a boar. This goddess, who was worshipped at Cythera, was offered to a misshapen god, but her infidelity was exposed by Helios. She was the lover of (\*)** Adonis, and was trapped by her husbandwhen this mother of Eros had an affair with Ares. For 10 points, name this wife of Hephaestus, the Greek goddess of love and beauty.

Answer: **Aphrodite** (accept **Venus** before “Cythera” is read)