

2020 SCOP A

## Round 2

Brad Fischer • Mike Laudermitth • Kristin Strey • Tyler Vaughan

### Tossups

(1) **This president's Secretary of State negotiated the purchase of Florida from Spain and succeeded him as president. After the Federalist Party crumbled, this president ran for re-election unopposed during the 1820** (\*) "Era of Good Feelings." European meddling in independent states in Central and South America was opposed by, for ten points, what fifth president of the United States who issued a namesake doctrine?

ANSWER: James Monroe

(2) **At the end of this novel, a newcomer compares this novel's setting to an R.M. Ballantyne novel, and a boy with "an extraordinary black cap" holds back from describing Simon's death. Before the arrival of a naval officer in this novel,** (\*) Roger uses his power within Jack's group of hunters to destroy Ralph's conch shell and kill Piggy. For ten points, name this novel by William Golding, in which a plane crash strands a group of young English boys on a deserted island.

ANSWER: Lord of the Flies

(3) **This artist may have modeled Satan after Biagio de Cesena and painted himself in the flayed skin of Saint Bartholomew in *The Last Judgement*. This artist painted a group of angels huddling under a cloak with God in *The*** (\*) *Creation of Adam* and sculpted a nude man holding a sling over his shoulder while preparing to fight Goliath. For ten points, name this Italian Renaissance artist who sculpted a marble *David* and painted the Sistine Chapel ceiling.

ANSWER: Michelangelo di Lodovico Buonarrotri Simoni

(4) **Pascal's theorem puts this many points on an ellipse, draws a polygon through them, and finds a special line crossing through three points. The regular polygon with the most sides that can tessellate the plane has this many** (\*) sides. In the number system with this base, the number "one zero zero zero" equals "two hundred sixteen." This is the smallest perfect number because its only proper divisors are one, two, and three. For ten points, give the number of sides in a hexagon.

ANSWER: six

(5) **A gom-phosis is this type of structure between the teeth and mandible. Synovial fluid lubricates these structures, in which the collapse of nitrogen bubbles can cause a cracking sound. The phylum** (\*) *arthropoda* is named for having feet with these structures. Ligaments stabilize the "hinge" type of these structures, which can also have ball-and-socket types. For ten points, name these connections between bones in the skeletal system, such as the shoulder and the knee.

ANSWER: joints (accept hinge joints; accept ball-and-socket joints)

(6) **In this book, Tamar tricks her father-in-law, and Esau makes peace with his brother after meeting his twelve nephews. In this book, Joseph dies in Egypt, and Ishmael is cast out by Sarah in favor of her son, (\*)** Isaac, who is nearly sacrificed by his father, Abraham. Early in this book, Cain kills Abel after their parents, Adam and Eve, are thrown out of the garden of Eden. For ten points, name this biblical book that opens by describing the creation of the world.

ANSWER: Genesis (accept Bereshit; prompt on “Bible,” “Christian Bible,” or “Hebrew Bible” before “biblical” is read; prompt on “Old Testament”)

(7) **In a 2011 issue, a character with this title leaves the New Ultimates of Earth-1610 along with Ka-Zar and Shanna. On Earth-616, a character with this title exiles the Hatut Zeraze, his country’s secret police. “Kasper” Cole uses this title, which is used by a hero who often fights (\*)** Man-Ape. While enhanced by the Heart-Shaped Herb, Shuri adopts this title. Chadwick Boseman played T’Challa, a character with, for ten points, what heroic title in a series of Marvel comics and films set in the kingdom of Wakanda?

ANSWER: Black Panther (prompt on answers describing the “ruler of Wakanda” or “king of Wakanda” until “Kasper Cole” is read)

(8) **Mohammad Reza Pahlavi was forced to flee this country in the wake of its 1979 Islamic Revolution. Jimmy Carter lost the Election of 1980 partially due to the capture of fifty-two American diplomats in a (\*)** “hostage crisis” named for this country. This country was invaded by neighboring Iraq to limit the power of its Shia majority. The rise of Ayatollah Khomeini in this country ended the Persian monarchy. For ten points, name this country where a US embassy was attacked in Tehran.

ANSWER: Iran (accept Islamic Republic of Iran; accept Jomhuri-ye Eslami-ye Iran)

(9) **In 1701, this man related an object’s temperature to the ambient temperature in his namesake law of cooling. This scientist mathematically derived Kepler’s laws of planetary motion and published a law of universal (\*)** gravitation in his *Philosophiae Naturalis Principia Mathematica*, which also outlines a law in which “F equals M A” [ $F=ma$ ]. Simultaneously to Leibniz, this scientist invented calculus. For ten points, name this English scientist who formulated three laws of motion.

ANSWER: Sir Isaac Newton

(10) **A character in this novel says, “Sink all coffins and all hearses to one common pool” and declares, “from Hell’s heart, I stab at thee” after encountering Fedallah’s corpse strapped to his enemy’s back. In this novel, (\*)** Stubb, Flask, and Queequeg serve under a man with an ivory leg who nails a doubloon to the mast of the *Pequod* to motivate his crew. Ishmael narrates, for ten points, what novel by Herman Melville about Captain Ahab’s obsessive quest for revenge against a white whale?

ANSWER: Moby-Dick; or, The Whale

(11) **Skadi Mons is the highest point on this planet, and is part of its Maxwell Montes. This planet's surface includes numerous pancake domes and shield volcanoes like Maat Mons, as well an enormous highland region called (\*) Ishtar Terra. This planet's runaway greenhouse effect likely created this planet's carbon-dioxide-based atmosphere. The Magellan probe visited this planet that, like Mercury, lacks a natural moon. For ten points, identify the second planet from the sun, named after a Roman love goddess.**

ANSWER: Venus

(12) **In this man's critique of Hegel's *Elements of the Philosophy of Right*, he described an "opium of the people." This man discussed "commodity fetishism" in a work subtitled "Critique of Political Economy." This philosopher claimed that "a (\*) spectre is haunting Europe" while writing about class struggles with Friedrich Engels. For ten points, name this German philosopher, the author of *Das Kapital*, who called upon "workers of the world" to "unite!" in *The Communist Manifesto*.**

ANSWER: Karl Marx (accept Karl Heinrich Marx)

(13) **U.S. Marshals launched a manhunt for Frank Morris and John and Clarence Anglin after they attempted to leave this location. After spending time in Leavenworth, Robert Stroud was nicknamed the "Birdman" of this location. This location's (\*) Warden's House was burned down in 1970 during an occupation of this island. Al Capone was stabbed at this location, where he spent most of his tax evasion sentence. For ten points, name this "inescapable" federal penitentiary located in San Francisco Bay.**

ANSWER: Alcatraz Federal Penitentiary (accept The Rock)

(14) **Works in this musical genre include *La grenouille* [lah gron-wee], which uses a unison bariolage to imitate the croaking of a frog. Schubert's *Death and the Maiden* is a work in this genre, as is a set of these works by Beethoven dedicated to Count (\*) Razumovsky. Mozart dedicated a work in this genre, nicknamed "Dissonance," to the composer of "The Lark" and "Emperor," this genre's "Father," Joseph Haydn. For ten points, name this type of musical work written for two violins, a viola, and a cello.**

ANSWER: string quartets (prompt on "quartets")

(15) **This collection includes a Hanna Diyab story added by Antoine Galland in which Badr al-Badur marries the son of Mustapha the tailor and accidentally sells one of his possessions to an evil sorcerer. A character in this collection tries to carry the enormous egg of a (\*) Roc home to Baghdad, and appears in the nightly entertainments Scheherazade performs for her royal husband. For ten points, name this collection of Middle-Eastern folk tales that often includes the stories of Sindbad and Aladdin.**

ANSWER: The Thousand and One Nights (accept The One Thousand and One Nights; accept A Thousand and One Nights; accept The Arabian Nights; accept Alf Laylah wa-Laylah)

(16) **This region contains mountains like Tai Tung Shan and Tai Mo Shan, as well as I.M. Pei's Bank of China Tower. A bridge system makes it easier to travel to this region's Chek Lap Kok and Lantau Island, both of which are in the (\*) Pearl River Delta, by connecting this region to the city of Zhuhai and to Macau. In 1997, Britain released control of, for ten points, what Special Administrative Region on the Kowloon Peninsula, now ruled by China?**

ANSWER: Hong Kong (accept Xiang Gang)

(17) **These historical people worshiped under a priest who represented Itzamna. A text venerated by these people describes Seven Macaw's defeat at the hands of Hunahpu and Xbalanque [sh-bah-lahn-kay], brothers who were descended from the lords of (\*) Xibalba [shee-ball-bah], these people's underworld. The Hero Twins appear in these people's central religious text, the *Popol Vuh*. For ten points, name these Meso-american people who constructed the pyramidal Temple of Kukulcan in Chichen Itza.**

ANSWER: Mayan people (accept K'iche' Maya)

(18) **People who fought against this event are memorialized at the Garden of the Righteous Among the Nations, which is part of the Yad Vashem. Deborah Lipstadt argued that laws banning the denial of this event are ineffective in the book (\*) *Antisemitism: Here and Now*. The Warsaw Ghetto Uprising was a last-ditch effort to resist this event. Auschwitz is one of the many sites that memorialize, for ten points, what systematic genocide of six million Jews orchestrated by Nazi Germany?**

ANSWER: the Holocaust (accept the Shoah)

(19) **The angular momentum of these particles' spin was demonstrated by the Stern-Gerlach experiment, and their charge-to-mass ratio was measured by J.J. Thompson's cathode ray tube experiment. These (\*) fermions are lost in oxidation reactions, and are accepted in pairs by Lewis acids. The Aufbau principle determines the order in which these particles fill the orbital shells that surround the atomic nucleus. For ten points, name these subatomic particles with a negative charge.**

ANSWER: electrons

(20) **In a novel by this author, a romance that begins at Abbey Mill Farm is interrupted by Philip Elton, but is concluded when Robert Martin marries Harriet Smith with the approval of the meddling matchmaker Miss (\*) Woodhouse. In another novel by this author, Lydia runs away with George Wickham, and her sister, Elizabeth Bennett, overcomes her first impressions and marries Mr Darcy. For ten points, name this English author of "manners novels" like *Emma* and *Pride and Prejudice*.**

ANSWER: Jane Austen