

The 2020 Scottie



Round One

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Tossup 1. **The London Charter established the rules for this event, which used new technology from IBM for instantaneous translations. This event was led by Geoffrey Lawrence, while a precursor was led by Iona Nikitchenko. Robert Ley committed suicide before the conclusion of this event, which was held at the Palace of Justice. Robert Jackson was the lead prosecutor at this event, which sentenced (*) Rudolf Hess to life imprisonment and twelve others to execution by hanging.** For 10 points, name these trials that charged high-ranking Nazis with crimes against humanity.

ANSWER: **Nuremberg** trials [or **Nürnberg** trials] <CB>

Bonus 1. Answer some questions about Spanish explorers, for 10 points each.

[10] This Spaniard had previously served as a commander during Francisco Pizarro's conquest of the Incas before becoming the first European to cross the Mississippi River.

ANSWER: Hernando **de Soto**

[10] This explorer, who originally sailed under the Spanish, would later lend his name to two continents.

ANSWER: Amerigo **Vespucci**

[10] This man discovered much of the American Southwest, including the Grand Canyon and Colorado River, while looking for the Seven Cities of Gold.

ANSWER: Francisco Vázquez de **Coronado** <GR>

Tossup 2. **One novel by this author focuses on Silvestre’s apartment complex and was published 58 years after he originally submitted it. This author of *Skylight* portrayed the devil as a Shepherd and Mary Magdalene as a lover of the title figure in another novel. Joana Carda causes the (*) Iberian Peninsula to break away from Europe in one of this man’s novels, and another sees “the doctor’s wife” become the only citizen not affected by the titular sickness. For 10 points, name this Portuguese author of *The Gospel According to Jesus Christ*, *The Stone Raft*, and *Blindness*.**

ANSWER: Jose de Sousa **Saramago** <GP>

Bonus 2. This physicist described antimatter as holes in a sea of electrons. For 10 points each:

[10] Name this physicist, who also names a delta function and established bra-ket notation.

ANSWER: Paul **Dirac**

[10] Dirac also helped to develop this theory, which sought to reconcile gravity and quantum mechanics. It states that all matter vibrates on its namesake one-dimensional objects.

ANSWER: **string theory** [do not accept or prompt on “M-theory”]

[10] Ed Witten united various versions of string theory to create this extension, which describes an 11-dimensional universe vibrating on 2D membranes.

ANSWER: **M-theory** <CW>

Tossup 3. **The Hall of Ambassadors is the largest room in this structure. Seven semicircular arches with fretwork designs lie on each end of a reflecting pool in this structure’s Court of the Myrtles. A statue of Washington Irving was built in the Generalife, a palace once connected to this complex. A fountain rests on twelve marble (*) lions in the main courtyard of this structure, which housed Nasrid rulers before being captured by Spain. For 10 points, name this Moorish fort located in Grenada named after its reddish hue.**

ANSWER: the **Alhambra** <GR/TR>

Bonus 3. Before fighting the final bosses in this game, the protagonist issues the iconic line “Let’s mosey.” For 10 points each:

[10] Name this 1997 Squaresoft RPG about Cloud’s quest to defeat Sephiroth and save the Planet from destruction by Meteor. A remake of this game was released in April 2020 to commercial and critical success.

ANSWER: **Final Fantasy VII**

[10] This antagonistic corporation in *Final Fantasy VII* uses Mako reactors to draw energy from the Lifestream. An iconic scene features Cloud escaping from this corporation’s headquarters on a motorcycle.

ANSWER: **Shinra** Electric Power Company

[10] Several scenes in *Final Fantasy VII* take place in this location, including the famous “date scene.” Areas in this amusement park include Chocobo Square and Battle Square, where the player can acquire the manual for the Omnislash Limit Break.

ANSWER: The **Gold Saucer** <CW>

Tossup 4. **This thinker criticized Socrates for leading Greeks to become “absurdly rational” in a work subtitled *How to Philosophize with a Hammer*. He added an essay calling his own writing “arrogant and rhapsodic” to later editions of a work which praises Wagner for merging the Apollonian and Dionysian, while he contrasted (*) master and slave moralities in *On the Genealogy of Morality*. This philosopher argued that humans are driven by a “will to power,” and in one of his works a madman declares “God is dead.” For 10 points, name this German philosopher who wrote *Beyond Good and Evil* and *The Gay Science*.**

ANSWER: Friedrich Wilhelm **Nietzsche** [the first clue references *Twilight of the Idols*, while the second references *The Birth of Tragedy*] <TR>

Bonus 4. This poet’s only surviving complete work describes a “deathless child of Zeus.” For 10 points each:

[10] Name this lyrical poet best known for “Hymn to Aphrodite.”

ANSWER: **Sappho**

[10] Sappho was from Mytilene, a town on this Greek island. This island gives its name to the modern term for a woman who, like Sappho, loves other women.

ANSWER: **Lesbos**

[10] This other Greek lyrical poet wrote about the athletes of the time, and is best known for his odes.

ANSWER: **Pindar** <TC/OK>

Tossup 5. **When compared to similar structures, these structures have more redundancy, due to having a significantly lower entropy rate. According to the “shrinking theory,” this structure has lost most of its information over time, and a defect in this structure can cause Swyer syndrome. A disorder in which someone possesses (*) two of these structures is characterized by above-average height. That disorder is Jacob’s syndrome. For 10 points, name this structure that determines sex in males.**

ANSWER: **Y** chromosome <CW>

Bonus 5. People who believe in this principle cover their mouths at all times to avoid accidentally swallowing bugs. For 10 points each:

[10] Identify this belief in non-violence that is often associated with Jainism.

ANSWER: **ahimsa**

[10] Another way Jainists practice ahimsa is by performing this action to the ground in front of them to avoid stepping on any insects.

ANSWER: **sweeping** [accept reasonable equivalents such as “brushing”]

[10] Sweeping is performed on objects in the tombs of these people during the Chinese Qingming festival. These people often have their pictures put up on an ofrenda during the Day of the Dead.

ANSWER: **ancestors** [accept **dead relatives** or other reasonable equivalents] <GR>

Tossup 6. **Over 45% of this locale is made up of “ghost gear,” and it is currently twice the size of Texas. This area is composed of Eastern and Western versions that are joined together by a subtropical convergence zone located north of Hawaii. A recent study suggests that 74% of the diet of sea turtles that enter this region is composed of (*) plastics.** A man named Boyan Slat founded an environmental organization titled The Ocean Cleanup to attempt to reduce debris from this region. For 10 points, name this huge accumulation of plastic waste located between Hawaii and California.

ANSWER: Great **Pacific Garbage** Patch [accept **Pacific Trash** Vortex; accept descriptions of **garbage** or **trash** in the **Pacific**; prompt on just “garbage” or “trash” with “where”] <TG>

Bonus 6. One character in this play agrees to give another the key to the cupboard if he will “finish” him. For 10 points each:

[10] Name this play about Hamm and Cloy, as well as Nagg and Nell, who live in trash cans.

ANSWER: **Endgame**

[10] *Endgame* was written by this absurdist playwright who also wrote *Krapp’s Last Tape*.

ANSWER: Samuel **Beckett**

[10] *Endgame* takes its title from this game, which traditionally ends in a checkmate.

ANSWER: **chess** <TC>

Tossup 7. **This novel’s protagonist has some of his savings stolen by a young man who claims to be buying him a bus ticket. Another character in this novel remembers his son by reading the Gettysburg Address, and later gifts milk to the children of a village. Matthew and Johannes Parfuri are acquitted at a trial attended by (*) Theophilus Msimangu, who had earlier summoned the protagonist away from Ndotsheni. That trial was for the murder of Arthur Jarvis by the protagonist’s son, Absalom.** For 10 points, name this novel centering on Stephen Kumalo by Alan Paton.

ANSWER: **Cry, the Beloved Country** <TR>

Bonus 7. Since the 2020 Tony Awards have been postponed, identify these former top winners. For 10 points each:

[10] This retelling of Shakespeare’s *The Taming of the Shrew* won five Tony Awards in 1949, and then five more for its revival in 2000.

ANSWER: **Kiss Me, Kate**

[10] This comedic tale of two LDS missionaries in Uganda took home nine Tonys in 2011.

ANSWER: *The* **Book of Mormon**

[10] This musical about two men who purposefully set out to make a horrible musical has the record for the most Tony Awards won by a single production at twelve.

ANSWER: *The* **Producers** <TG>

Tossup 8. **Truman Everts was left for dead after getting separated from an expedition in this region, and later recounted his travails in *Thirty-Seven Days of Peril*. The Northern Pacific Railway promoted this place as a “New Wonderland” after Thomas Moran’s paintings of this place supported efforts to make it a “national playground.” The Nez Perce [*nez purse*] tribe took thirteen days to travel through this (*) national park while being pursued by the US army. The Washburn Party of 1870 falsely claimed a feature of this park to perform “every hour on the hour.” For 10 points, name this National Park that is home to Old Faithful.**

ANSWER: **Yellowstone** National Park <TG>

Bonus 8. Answer the following about a man who founded his own school of evolutionary thought. For 10 points each:

[10] T. H. Huxley was a supporter of this man’s ideas to such an extent that he became known as this man’s “bulldog.” This author wrote *The Expression of the Emotions in Man and Animals*.

ANSWER: Charles **Darwin**

[10] Darwin’s theory of evolution is often credited to his experience on this group of islands off the coast of Ecuador.

ANSWER: **Galapagos** Islands

[10] The Galapagos also contain multiple variations of this long-lived reptile, whose shells come in saddleback, intermediate, and domed varieties.

ANSWER: **tortoise** [do not accept or prompt on “turtle”] <SK>

Tossup 9. **This river begins at the confluence of the Vorderrhein and Hinterrhein tributaries. It forms a delta at Lake Constance, the starting point of the “high” section of this river that includes a namesake waterfall. Coal and steel are manufactured in the (*) Ruhr Valley beside this river, and Cologne is the largest city on this river. The end of this river was closed off by the Delta Project to prevent flooding in the Netherlands. For 10 points, name this major European river that forms much of the border between France and Germany.**

ANSWER: **Rhine** River <CB>

Bonus 9. In one myth, this goddess carries an egg under her armpit that contains her youngest sister Hi’iaka [*hi-aka*]. For 10 points each:

[10] Identify this goddess of volcanoes, fire, and lightning.

ANSWER: **Pele**

[10] Pele was a goddess in this Polynesian island chain’s myth system. Pele is said to have lived in the volcano Kilauea in this island group.

ANSWER: **Hawaii**

[10] Pele is one of the many daughters of this creator god in Hawaiian myth. This god is also the god of procreation.

ANSWER: **Kane** <GR>

Tossup 10. **The opera *Samson and Delilah* was composed by a man from this country, although it premiered in Weimar, and *Benvenuto Cellini* was written by a composer from this country. Another composer from this country wrote a work inspired by a Spartan celebration involving nude dancing and omitted bar lines from his *Ogives*. Arthur Honegger and Francis (*) Poulenc were members of a group of six composers from this country inspired by Erik Satie. Other composers from this nation wrote works like *Bolero* and *Symphonie fantastique*.** For 10 points, name this home country of Maurice Ravel and Hector Berlioz.

ANSWER: **France** <GR>

Bonus 10. This woman joined NASA in 1978 before going on her most famous mission in 1983. For 10 points each:
[10] Name this astronaut, the first American woman to go into space.

ANSWER: Sally **Ride**

[10] Ride participated in two missions on this space shuttle. Christa McAuliffe was one of seven astronauts killed when this shuttle exploded in 1986.

ANSWER: **Challenger**

[10] Richard Feynman discovered that an O-ring failure caused the Challenger disaster while serving on this commission with Ride.

ANSWER: **Rogers** Commission <GR>

Tossup 11. **After his defeat at the Battle of Worcester, this leader fled to France. This monarch created the title Duke of Albemarle to reward George Monck for his help in restoring him to the throne. With the help of his Chief Minister Edward Hyde, this monarch drafted the Declaration of (*) Breda.** This king helped to rebuild London after the baker Thomas Farriner started the Great Fire of London. For 10 points, name this Stuart king who succeeded to the throne after Oliver Cromwell, the man who overthrew his father.

ANSWER: **Charles II** [prompt on "Charles"] <GR>

Bonus 11. This novel was written during Stalin's regime and had a censored edition published in the *Moscow* magazine. For 10 points each:

[10] Give the title of this novel, which features the two titular figures being sent to Limbo, where Pontius Pilate waited for twenty centuries.

ANSWER: *The **Master and Margarita***

[10] *The Master and Margarita* was written by this Russian author, who also wrote *A Young Doctor's Notebook*.

ANSWER: Mikhail Afanasyevich **Bulgakov**

[10] Professor Woland from *The Master and Margarita* is also this religious figure, who is commonly portrayed with red skin, two horns, and a tail.

ANSWER: the **Devil** [accept **Satan**] <JM>

Tossup 12. **This man's first documented work was the Barinci Altarpiece. He completed four namesake rooms for Pope Julius II, and one of his works depicts John the Baptist and Jesus holding a bird. This artist's seventeen Madonnas include the Madonna del Prato and the Madonna of the (*) Goldfinch.** His *La Disputa* hangs in the *Stanza della Segnatura* alongside another of his works featuring Plato pointing upwards. For 10 points, name this painter of the *School of Athens*.

ANSWER: **Raphael** Sanzio da Urbino <SK/TR/TG>

Bonus 12. The Great White Spot periodically appears on this planet's surface. For 10 points each:

[10] Name this planet known for its ring system. It is the sixth planet from the sun and the only one with a density less than that of water.

ANSWER: **Saturn**

[10] This gap between two of Saturn's most prominent rings is named for an Italian astronomer. It shares its name with a space exploration mission that studied Saturn from 2004 to 2017.

ANSWER: **Cassini** division

[10] The *Cassini* spacecraft detected water-rich plumes venting from this moon of Saturn in 2005. In 2014, a large subsurface ocean of liquid water was discovered in the south polar region of this moon.

ANSWER: **Enceladus** <CW>

Tossup 13. **If the mass of these particles turns out to be lower than expected, a scenario called "Boltzmann Brain" could occur. The CKM Matrix contains information about these particles' interactions with the weak force, and they were independently discovered by George Zweig and Murray Gell-Mann. These charged particles cannot be isolated due to (*) color confinement, and one property for these particles can be changed by neutrino oscillations. These particles have "flavors" such as up, bottom, and strange.** For 10 points, name these elementary particles that are bound together to make protons and neutrons.

ANSWER: **quark** <CW>

Bonus 13. Although this war's initial phase ended after one month, the rise of terrorist groups like ISIL encouraged it to continue for eight more years. For 10 points each:

[10] Identify this war in which a coalition led by the US overthrew Saddam Hussein in a Middle Eastern country.

ANSWER: **Iraq War** [accept **Second Gulf War**]

[10] The Iraq War was started under the false assumption that Iraq held various kinds of these weapons, including nuclear bombs.

ANSWER: **weapons of mass destruction** [or **WMDs**]

[10] On May 1, 2003, President George Bush gave this speech stating that major military actions in Iraq were coming to a close. The speech's common name comes from a banner behind him,

ANSWER: **Mission Accomplished** speech <GR>

Tossup 14. **In a work by this author, a queen forces the main character to be eaten by cows to keep him from marrying her daughter. This author of *The Tragedy of Tragedies* wrote about a woman who left her husband Squire Booby after having an affair with Parson Williams. That work satirizes Samuel Richardson and is titled (*) *Shamela*.** This author's most famous work concludes with the nephew of Squire Allworthy marrying Sophia Western. For 10 points, name this author who wrote about the title foundling in *Tom Jones*.

ANSWER: Henry **Fielding** <RO>

Bonus 14. These musical compositions are a series of six marches, the last of which was left incomplete at its composer's death. For 10 points each:

[10] Name these marches, the first of which is often used in graduation ceremonies.

ANSWER: ***Pomp and Circumstance***

[10] This man originally wrote *Pomp and Circumstance* to be used for the coronation of King Edward VII.

ANSWER: Edward **Elgar**

[10] "Nimrod" names the ninth of fourteen movements in this Elgar work that was dedicated "to my friends pictured within."

ANSWER: ***Enigma Variations*** [or ***Variations on an Original Theme***] <GR>

Tossup 15. **In one legend, this hero stabbed himself in the head with a burning spear to stay awake during a fae prince's lullaby. This man's hounds Bran and Sceolan recognized his future wife while she was in the form of a deer, and he gained the ability to access all the world's (*) wisdom by sucking on his thumb while cooking the Salmon of Knowledge.** For 10 points, name this warrior, the leader of the Fianna mercenaries.

ANSWER: **Finn MacCool** [or **Fionn Mac Cumhaill**; combination of names acceptable; prompt on partial answer] <SK>

Bonus 15. According to Marcel Mauss, these things come with an expectation for reciprocity and are "total prestations" that represent all of society. For 10 points each:

[10] Name these things which title a work by Mauss. He contrasts the exchange of these things with the exchange of commodities.

ANSWER: **gifts** [accept **presents**]

[10] Mauss disagreed with Bronislaw Malinowski on the nature of this system of gift exchange in the Trobriand Islands. This exchange involved necklaces and armbands made from shells.

ANSWER: **Kula** ring [or **Kula** exchange]

[10] The Kula ring has several similarities to this other gift exchange system practiced by Native Americans in the Pacific Northwest.

ANSWER: **potlatch** <TR>

Tossup 16. **One side in this war struck its own vessel the *Aurora* six times, and nearly went to war with England after firing on several trawlers off the Dogger Bank. The winning side expended over 20 million rounds of ammunition in this war's largest land battle, the Battle of Mukden. This war began with a preemptive attack on the Pacific Fleet at Port (*) Arthur, and it was effectively ended by the Battle of Tsushima Strait. The treaty that ended this war was signed in Portsmouth, New Hampshire after a successful mediation by Theodore Roosevelt. For 10 points, name this 1904 to 1905 war fought by the forces of Tsar Nicholas II and Emperor Meiji.**

ANSWER: **Russo-Japanese** War <TG>

Bonus 16. In a circuit diagram, these components are represented by two parallel lines of different lengths. For 10 points each:

[10] Name these devices, which generate a direct current from chemical energy and come in sizes like triple A and C.

ANSWER: **batteries**

[10] Three-volt batteries typically use this element, the lightest alkali metal, as the anode. It is also used as a treatment for bipolar disorder.

ANSWER: **lithium**

[10] These U-shaped electrolyte-filled tubes can connect the oxidation and reduction parts of a galvanic cell to prevent the buildup of static charge.

ANSWER: **salt bridges** <CW>

Tossup 17. **This saint's namesake gospel was discovered in 1945 near Nag Hammadi. The story of this man's martyrdom states that the king Misdas ordered soldiers to lead this man to a hill where they stabbed him to death with a spear. This man, who brought Christianity to the (*) Indian subcontinent, replied "My Lord and my God," after touching the wounds of Jesus Christ. For 10 points, name this apostle who doubted the resurrection of Jesus.**

ANSWER: Saint **Thomas** the Apostle <GR>

Bonus 17. One poem by this author is addressed to a flower which "does so comely grow." For 10 points each:

[10] Name this poet of "The Wild Honeysuckle" and *The British Prison Ship*.

ANSWER: Phillip **Freneau**

[10] Freneau is often called the poet of this conflict, which also inspired "Paul Revere's Ride."

ANSWER: The **American Revolutionary** War [accept **American War of Independence**; prompt on "Revolutionary" War]

[10] Freneau also wrote this poem, which detailed how a Native American corpse was placed to be "again seated with his friends."

ANSWER: "**The Indian Burying Ground**" <TC>

Tossup 18. **This process was first studied in 1877 by Wilhelm Pfeffer, making him a pioneer of plant physiology. Contractile vacuoles are used to counter this process, whose namesake “pressure” is a colligative property since it depends on the molar concentration of the solution instead of its identity. The (*) “reverse” form of this process is commonly used to purify drinking water. For 10 points, name this process by which water moves along a concentration gradient across a semipermeable membrane.**

ANSWER: **osmosis** <CW>

Bonus 18. Towards the end of his career, Paul Cezanne abandoned linear perspective, influencing the work of Pablo Picasso and others. For 10 points each:

[10] Picasso is a founder of this art movement that rendered its work from multiple viewpoints.

ANSWER: **Cubism**

[10] Cubism was named when an art critic mocked the painting *Houses at L'Estaque* for “being composed of cubes.” This other major cubist painted *Houses at L'Estaque*.

ANSWER: Georges **Braque**

[10] Lyrics from Calvin Harris’ song *Slide* say that “I might empty my bank account and buy [this painting],” referencing its \$104 million sale in 2007. This painting from Picasso’s Rose period shows a young man dressed in blue, sitting against a flowery background and holding the title object.

ANSWER: **Boy with a Pipe** [or **Garçon a la pipe**] <TG>

Tossup 19. **Senator Tom Cotton recently wondered on Twitter “how tough” these people would be when facing “the 101st Airborne Division.” In 2018, members of this movement in Nebraska doxxed over 1500 Immigration and Customs Enforcement agents, and Georgia’s (*) Stone Mountain Park recently closed over rumors of a clash between members of this movement and white nationalists. A speech by Milo Yiannopoulos at the University of California, Berkeley in 2017 was cancelled after protests that involved this movement, which President Trump has called a terrorist organization. For 10 points, name this political movement of autonomous groups that oppose fascism.**

ANSWER: **Antifa** <TG>

Bonus 19. While the island of Bougainville is geographically part of these islands, it is not a part of their namesake country. For 10 points each:

[10] Identify this Melanesian nation composed of over 900 islands with a capital at Honiara.

ANSWER: **Solomon Islands**

[10] Honiara is located on this largest island of the sovereign state of the Solomon Islands. There is a World War II memorial dedicated to the fallen soldiers who died fighting for control of this island’s Henderson Field airstrip.

ANSWER: **Guadalcanal**

[10] The island of Bougainville is owned by this nation that shares the western half of its namesake island with Indonesia.

ANSWER: **Papua New Guinea** [do not accept or prompt on only “New Guinea] <GR>

Tossup 20. A character in this play notes that he is “royal blood” because he went to Harvard and calls his father “King of the Bucket Shops.” One character in this play is nicknamed “Jimmy Tomorrow,” while another character jumps from a fire escape after admitting he turned in his (*) mother to the police. This play takes place in a saloon owned by Harry Hope, where the salesman Hickey admits to murdering his wife after arguing that the saloon’s patrons should give up their “pipe dreams.” For 10 points, name this play by Eugene O’Neill.

ANSWER: *The Iceman Cometh* <GP>

Bonus 20. While a College of Arms manuscript suggests they were killed by Henry Stafford, it is widely believed these two people were killed by James Tyrell. For 10 points each:

[10] Identify these British royals, one of whom was the successor to King Edward IV.

ANSWER: **Princes in the Tower** [accept **Edward V** and **Richard of Shrewsbury**]

[10] It is believed that this man had the princes killed so he could be king. This final Plantagenet king’s reign was cut short after he was killed at the Battle of Bosworth Field.

ANSWER: **Richard III** [prompt on just “Richard”]

[10] The theory that James Tyrell killed the princes originated from this man’s *The History of Richard III*. This chancellor for King Henry VIII would later write *Utopia*.

ANSWER: Thomas **More** <GR>