

The 2018 Scottie



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Packet One

TOSSUPS

1. **In many depictions, this figure is pictured riding a mouse. In one story, this mythological figure had his head taken off after his father angrily threw a trident at him. In another myth, this deity won a contest with his brother to see who could walk around the world(*) three times by walking around his mother. This deity is the god of new beginnings, as well as the remover of obstacles. For 10 points, name this Hindu god depicted with the head of an elephant.** (MR)

ANSWER: Ganesh (a)

2. **Supporters of this politician formed the OK club using the abbreviation of one of his nicknames. This man's Vice-President, Richard Mentor Johnson, is believed to have been the man who killed Tecumseh. This man founded the Albany Regency, which was an early political machine in the state of (*) New York, and he was the only President whose first language was not English. For 10 points, name this winner of the Election of 1836 who served as the eighth President of the United States.** (PB/TG)

ANSWER: Martin Van Buren

3. **This author described the adventures of three men in the titular locale in his *The Mysterious Island*. In another work by this man, members of the Gun Club collaborate to build a cannon that can hit the moon. In addition to *From the (*) Earth to the Moon*, this author also wrote about the journey of scientist Phileas Fogg in *Around the World in 80 Days*. For 10 points, name this author most famous for depicting the travels of Otto Lindenbrock in *Journey to the Center of the Earth*.**

ANSWER: Jules Verne

4. **This architect's final design for the Teatro Olimpico was not completed until after his death, and the bell tower of his Church of San Giorgio Maggiore collapsed in 1774. This architect worked as a mason on the *Villa Trissino* and used principles of design by(*) Vitruvius in most of his villas and palaces.** For 10 points, name this Italian author of *Four Books of Architecture* and designer of the *Villa Rotonda*.(PB)

ANSWER: Andrea Palladio

5. **The Ives-Stilwell experiment tested the degree to which this effect contributed to the Doppler shift. This phenomenon was found to affect mesons by Rossi and Hall. One paradox dealing with this phenomenon states that a traveler moving near the speed of light would experience (*)time slower, and is called the twin paradox. A clock in a moving reference frame experiences time slower than a clock in a still reference frame according to, for 10 points, what effect that arises from special relativity?** (MR)

ANSWER: time dilation [prompt on "relativity" before mentioned]

6. **A famous act of arson in this city was blamed on Communist Marinus van der Lubbe and this city was the target of Operation Vittles. Walter Ulbricht designed a structure in this city which featured a famous "death strip."(*)** Jesse Owens won four gold medals at the 1936 Olympics hosted in this city, which also held a meeting that set off the "Scramble for Africa." For 10 points, name this city that was split by a wall during the Cold War, the capital of Germany. (RN)

ANSWER: Berlin

7. **In one work by this man, a woman sits in front of a picture of the crucifixion while resting one foot on a globe. In 1653, this painter of *The Allegory of Faith* registered as a master artist in the Guild of Saint Luke in his hometown of (*) Delft. A servant pours the namesake substance into a bowl in this artist's *The Milkmaid*, while the central figure in another of his works wears a blue and gold headdress.** For 10 points, name this 17th-century Dutch artist of *Girl with the Pearl Earring*. (PB/MR/TG/TR)

ANSWER: Johannes Vermeer

8. **In 1996, one of these organisms was the first eukaryote to have its genome sequenced. Beadle and Tatum used one of these organisms to support their "one gene, one enzyme" hypothesis. One of these organisms can convert radiation into energy (*) and is found at Chernobyl, and the model organism *Saccharomyces* [SAK-a-roe-MYE-sees] is found in this kingdom.** For 10 points, name this kingdom that includes molds and mushrooms. (MR)

ANSWER: fungi [accept yeast until "radiation" is read]

9. **One character in this novel complains that half a pint is too little while a pint is too much. The protagonist of this novel buys a paperweight containing a piece of coral from Mr. Charrington's shop, and later rents a room above his store. O'Brien lends a book by (*) Emmanuel Goldstein to the protagonist in this novel, and later sends the protagonist to be tortured in Room 101. For 10 points, name this novel about the fictional Oceania in which Julia and Winston Smith attempt to betray Big Brother, by George Orwell. (GP)**

ANSWER: 1984

10. **This leader, who was supposedly a lightweight boxing champion and a renowned rugby player, was advised by Bob Astles. This leader created the State Research Bureau to persecute his dissenters and various ethnic groups. This man's nation was the target of Operation (*) Thunderbolt , and he was removed from power following his attempt to annex the Kagera region of Tanzania. For 10 points, name this notorious Ugandan dictator who ruled in the 1970's.(RN)**

ANSWER: Idi Amin

11. **This composer wrote his first hit 'Swanee' while riding a bus, and in his early career, he played piano at various locations in Tin Pan Alley. Maurice Ravel said he was "enchanted" after watching this composer's musical *Funny Face*. One of this composer's works features (*) taxi horns, and the inspiration for another came while on a train ride to Boston. For 10 points, name this composer of *An American in Paris* and *Rhapsody in Blue*. (PB/TG)**

ANSWER: George Gershwin

12. **In a work by this playwright, Oechalia is sieged to capture Iole, causing Deianeira to accidentally poison her husband. Another play by this man sees Neoptolemus attempt to persuade the title archer to fight in Troy. Besides *The Women of Trachis* and *Philoctetes* , this man wrote about a titular (*) king who kills the Sphinx and later travels to Colonus. That king's tragic story sees him kill his father and marry his mother. For 10 points, name this Greek tragedian whose Theban Plays includes *Oedipus Rex*. (GP)**

ANSWER: Sophocles

13. **This person appeared in a commercial with the AFLAC duck in which they swapped bodies. This polyglot, who speaks six languages, filed a lawsuit against Daily Mail for claiming that she had once worked as an escort. This woman launched the (*)Be Best anti-bullying campaign in 2017, and was criticised for wearing a coat which said "I really don't care, do you?" This woman's parents recently became U.S. citizens following their immigration from Slovenia. For 10 points, name this current First Lady of the United States. (RN)**

ANSWER: Melania Trump [prompt on "Trump"]

14. **This man's refusal to appoint Stephen Langton as archbishop of Canterbury led to his excommunication by Pope Innocent III. Robert Fitzwalter was chosen to lead an "Army of God" which would eventually meet this man at a location near Windsor Castle. This loser at the (*) Battle of Bouvines was forced to sign a treaty at Runnymede. For 10 points, name this successor to Richard the Lionheart who was forced to sign the Magna Carta. (RN)**

ANSWER: King John [accept John Lackland]

15. **This poem mentions the "wingèd seraphs of Heaven" after stating that "I was a child and she was a child". Virginia Clemm may have inspired this poem, but a South Carolina legend involving a sailor and the title character could also have influence. "A wind blew out of a cloud" and (*) killed the title character of this poem, leading a kinsman to "shut her up in a sepulchre." Angels coveted the "love that was more than love" in, for 10 points, what last complete Edgar Allan Poe poem that takes place "in a kingdom by the sea"? (GP)**

ANSWER: "Annabel Lee"

16. **In June of 2017, Alex Honnold became the first person to solo climb a rock formation in this region. The Cathedral Mountains run through this park that includes the Tuolumne Meadows. The construction of a dam at Hetch Hetchy Valley in this park was opposed by (*) John Muir and the Sierra Club, and it was the subject of numerous Ansel Adams photographs. For 10 points, name this eastern California national park, which contains El Capitan and Half Dome. (RN)**

ANSWER: Yosemite National Park

17. **Kurt Schneider first used the mnemonic ABCD to rank symptoms of this condition. Although it is not Parkinson's, people with this disorder often exhibit tremors, and it is sometimes treated with the drug clozapine. Mary Todd Lincoln reportedly had this illness, and Zelda Fitzgerald was confined to a (*) mental institution due to complications from it. The most common type of this mental disorder is prefixed with the word paranoid. For 10 points, name this mental illness characterized by hallucinations and whose name comes from the Greek for "split-mind." (MR)**

ANSWER: Schizophrenia

18. **One proponent of this philosophical movement claimed that human life is centered on relationships in *I and Thou*. Another work in this tradition defined the self as “a relation that relates itself to itself,” and one of its key figures claimed that relinquishing the freedom of choice is an example of (*) “bad faith.” That author of *Being and Nothingness* later said that this philosophy “is a humanism.” For 10 points, name this philosophical movement associated with Soren Kierkegaard and Jean-Paul Sartre. (TR)**

ANSWER: existentialism

19. **One equation related to this process gives the number of equilibrium trays or theoretical plates required to make this process more efficient, and is called the Fenske equation. Ceramic or glass tubes known as Raschig rings can be used to increase the (*) efficiency of this process by separating volatile and less volatile materials. Mixtures that cannot be separated by this technique are called azeotropes. For 10 points, name this chemical process that separates mixtures based on differing boiling points. (MR)**

ANSWER: distillation

20. **A 1970 concert featuring Joni Mitchell and James Taylor raised \$18,000, enabling this group to begin operations. This organization, which began as the Don't Make a Wave committee, formed to object to a weapons test on Amchitka Island. This (*) environmental group's vessel Rainbow Warrior was sunk by French operatives while on its way to demonstrate against another nuclear test. For 10 points, name this group known for protesting such actions as overfishing and commercial whaling. (TG)**

ANSWER: Greenpeace

BONUSES

1. On January 24, 2017, the Senate confirmed this individual as the U.S. ambassador to the United Nations. For 10 points each: (PB)

[10] Name this woman who delivered the 2016 Republican response to Barack Obama's State of the Union speech.

ANSWER: Nikki **Haley**

[10] Haley served as governor of this state, which in 2015 removed the Confederate flag from its capital after fifty-seven years.

ANSWER: **South Carolina**

[10] In June 2018, Haley announced that the United States would withdraw from this branch of the United Nations due to the council's alleged "chronic bias against Israel".

ANSWER: United Nations **Human Rights Council**

2. These objects sometimes symbolize knowledge or freedom, and one is held by Jean d'Aire in *The Burghers of Calais*. For 10 points each: (TR)

[10] Name these objects. In *The Surrender of Breda*, one of them representing control of the city is handed to the victorious general.

ANSWER: **keys**

[10] In *Delivery of the Keys*, Christ gives the keys to the kingdom of heaven to this figure. A servant girl and soldier are often present in depictions of this saint's Denial.

ANSWER: Saint Simon **Peter** the Apostle [prompt on just "Simon" or "Simeon"]

[10] In this El Greco painting, a yellow-robed Peter holds the keys to heaven in the top left. In the lower terrestrial section, the Saints Stephen and Augustine lower a nobleman into the ground.

ANSWER: *The **Burial of the Count of Orgaz*** [or *El **Entierro del Conde de Orgaz*** or *The **Burial of Count Orgaz***; accept synonyms of "Burial"]

3. This scandal involved the construction of the Union Pacific railroad. For 10 points each: (RN)

[10] Oakes Ames offered discounted shares in a namesake construction company to other congressmen in this scandal. It took place during the building of the Transcontinental Railroad.

ANSWER: **Credit Mobilier** Scandal

[10] The Credit Mobilier scandal occurred during the term of this U.S. president, whose Vice President Schuyler Colfax was implicated in the scandal.

ANSWER: Ulysses S. **Grant**

[10] This other scandal during Grant's time in office dealt with the stealing of back taxes placed on the sale and distillation of alcoholic beverages.

ANSWER: **Whiskey Ring** Scandal

4. The narrator of this work runs a 6,000 acre coffee farm. For 10 points each:

[10] Name this work, in which Baroness Karen Blixen recounts her experiences with the Kikuyu people and the eventual failure of her coffee farm.

ANSWER: ***Out of Africa***

[10] Besides writing *Out of Africa*, Blixen also wrote *Babette's Feast* and *Shadows on the Grass* using this pen name.

ANSWER: Isak **Dinesen**

[10] *Out of Africa* is set in this country, also known for such authors as Ngũgĩ Wa Thiong'o and Elspeth Huxley.

ANSWER: **Kenya**

5. For 10 points each, name these works by Beethoven. (RN)

[10] This Beethoven symphony ends with twenty-nine bars of fortissimo C major chords and begins with a famous short-short-short-long motif.

ANSWER: Beethoven's **Fifth** Symphony [or equivalents such as "Symphony No. **5** by Beethoven"]

[10] This work by Beethoven features a C minor "procession" theme in its second movement. It borrows themes from the ballet *The Creatures of Prometheus* and features a C minor funeral march.

ANSWER: **Eroica** Symphony

[10] This only opera by Beethoven tells the story of Leonore, who disguises herself as a prison guard in order to save her husband's life.

ANSWER: **Fidelio**

6. These cells are multinucleated, and are sometimes called myocytes. For 10 points each: (MR)

[10] Name these cells that make up their namesake tissue. They are often increased in mass by taking protein supplements.

ANSWER: **muscle**

[10] This motor protein generates force via a powerstroke in muscle fibers, and is contrasted with actin.

ANSWER: **myosin**

[10] This type of muscle tissue is named for the light and dark bands it possesses, and includes cardiac and skeletal muscle.

ANSWER: **striated**

7. An effort to have this man's statue removed from the University of Cape Town has expanded into a movement called [this man] Must Fall. For 10 points each: (TG)

[10] Name this British imperialist who was Prime Minister of the Cape Colony in the 1890s. He founded the first international scholarship program, which still sends students to Oxford today.

ANSWER: Cecil **Rhodes**

[10] Rhodes sought to create one of these things stretching from "Cape to Cairo." It intended to provide a way for trade goods and troops to quickly travel between British possessions, but it was never finished.

ANSWER: **railroad** [or **railway**; accept equivalents]

[10] Rhodes helped found this mining company known for its diamonds. It held a monopoly on the diamond market for many years, and still has a market share of about 35 percent today.

ANSWER: **De Beers** Consolidated Mines

8. This experiment involved a monkey, burning newspapers, and a santa mask along with its infamous white rat. For 10 points each: (OK)

[10] Name this experiment in which an infant associated loud noises with certain objects, causing fear upon seeing furry textures. It was conducted at Johns Hopkins University.

ANSWER: **Little Albert** Experiment

[10] The Little Albert experiment was carried out by this American psychologist and his assistant Rosalie Rayner. He posited that the only three emotions at birth were fear, rage, and love.

ANSWER: John B. **Watson**

[10] This other Watson experiment also dealt with rats. In it, rats were trained to run through a maze, which was later changed in length, creating the experiment's namesake sound.

ANSWER: the **Kerplunk** experiment

9. This architect once stated that "all fine architectural values are human values, else not valuable." For 10 points each: (DD)

[10] Name this architect, whose famous works include Fallingwater and Taliesin.

ANSWER: Frank Lloyd **Wright**

[10] Wright also designed this Manhattan museum that looks like cylindrical stacks.

ANSWER: Solomon R. **Guggenheim** museum

[10] Frank Lloyd Wright was a pioneer of this style of architecture that stressed horizontal lines, integration with the surrounding environment, and a limited use of decoration.

ANSWER: **Prairie** School [accept **Prairie** Style]

10. This technique is used to study interactions between matter and electromagnetic radiation.

For 10 points each: (MR)

[10] Name this technique that comes in NMR, mass, and atomic emission types.

ANSWER: **Spectroscopy** [or **spectrometry**]

[10] This type of spectroscopy uses light with wavelengths longer than visible light, but shorter than microwave.

ANSWER: **infrared** [or **IR**]

[10] Spectroscopy often makes use of these devices, which superimpose waves to make precise measurements.

ANSWER: **interferometer**

11. The American Library Association recently changed an award's name to the Children's Literature Legacy Award. For 10 points each. (TG)

[10] Previously, the award was named for this author of pioneer books such as *Farmer's Boy*, but was changed due to language viewed as degrading to Native Americans and African Americans.

ANSWER: Laura Ingalls **Wilder**

[10] Wilder was known for this series of children's books about her childhood in a pioneer family.

ANSWER: **Little House on the Prairie**

[10] The first book in the series, *Little House in the Big Woods*, is set in the town of Pepin in this state where the Ingalls family resided when Wilder was born. Even now, it is a long way to Green Bay from Pepin.

ANSWER: **Wisconsin**

12. This Oxford professor's most famous work of criticism is "Beowulf: The Monsters and the Critics." For 10 points each: (OK)

[10] Name this man, who is much more famous for *The Lord of the Rings*.

ANSWER: J.R.R. **Tolkien**

[10] This posthumously published Tolkien book contains almost the entirety of the history of Middle-Earth, including the story of Beren and Luthien.

ANSWER: **The Silmarillion**

[10] During his life, Tolkien was a member of this literary group which consisted mostly of Oxford professors, including C.S. Lewis.

ANSWER: **Inklings**

13. This civilization's most famous artifacts are colossal stone heads. For 10 points each:

[10] Name this Mesoamerican civilization, believed to have first settled in San Lorenzo.

ANSWER: the **Olmecs**

[10] San Lorenzo sometimes is called San Lorenzo [this name], which should not be confused with the ancient capital of the Aztecs.

ANSWER: **Tenochtitlan**

[10] We do not know what the Olmecs called themselves. Olmec comes from the Aztec word Olmecatl, which in Aztec names them after this product created by extracting latex from the namesake tree.

ANSWER: **rubber**

14. The Lambert-Fischer one of these found in Antarctica is the largest in the world. For 10 points each: (MR)

[10] Name these large bodies of moving ice. A National Park named after these can be found in Montana.

ANSWER: **glacier**

[10] As they move, glaciers can leave behind debris and loose soil, which is known by this term.

ANSWER: **till**

[10] Glaciers can carve out these steep sided inlets, many of which are found in Scandinavia.

ANSWER: **fjord**

15. This conflict began after the accession of Ferdinand II, and greatly depopulated many states within the Holy Roman Empire. For 10 points each: (OK)

[10] Name this 17th century conflict, which, for once, actually lasted the length of time that it's named for.

ANSWER: **30 Years' War**

[10] Some countries fared better during the 30 Years' War than others-- this country, for instance, won its independence war against Spain and entered a period commonly called its "Golden Age".

ANSWER: **Netherlands** [accept **Dutch Republic**]

[10] The 30 Years' War was ended by this series of treaties, which determined that Protestant Princes could remain Protestant.

ANSWER: **Peace of Westphalia**

16. One Jewish holiday begins on the evening of the 15th day of Nisan in the Jewish calendar.

For 10 points each: (TG)

[10] This holiday takes 7 days to complete and celebrates the Israelite exodus from Egypt.

ANSWER: **Passover**

[10] On the first night of Passover, celebrants partake of this meal that includes telling the story of the exodus, eating matzah and other foods placed on the namesake plate, and drinking cups of wine.

ANSWER: **seder**

[10] Participants in Passover are obligated to drink this many cups of wine during the seder to represent the different number of ways God worded his promise to save the Israelites in Exodus.

ANSWER: **four**

17. This author's *The Gospel According to Jesus Christ* was removed from consideration of an award due to being viewed as religiously insensitive. For 10 points each:(TG)

[10] Name this author of *Death with Interruptions* and *The Stone Raft*.

ANSWER: Jose **Saramago**

[10] Saramago is the only Nobel Prize for Literature winner from this country. He created a namesake foundation in this country's capital, Lisbon.

ANSWER: **Portugal**

[10] Saramago is perhaps best known for this apocalyptic story in which the title affliction spreads through a city.

ANSWER: **Blindness**

18. This man was basically held under house arrest by his family for a year after he ran away to join the Dominican order. For 10 points each: (TG)

[10] Name this scholastic philosopher who studied at Monte Cassino as a child. He responded "I answer that" to a series of objections in one work.

ANSWER: Saint Thomas **Aquinas** [or Tommaso **D'Aquino**; prompt on "Thomas"]

[10] Aquinas is best known for this work intended for students that presented five arguments for the existence of God.

ANSWER: **Summa Theologica** [or **Summa Theologiae**]

[10] In *Summa Theologica*, Aquinas borrows from Aristotle to describe God as this kind of "mover" that moves all things, but is not itself caused by any previous action.

ANSWER: **unmoved** mover

19. For 10 points each, answer the following about this largest African country. (PB/TG)

[10] This North African country is home to the Ottoman citadel of Santa Cruz in its city of Oran.

ANSWER: **Algeria**

[10] Algeria gained its independence from this country after an eight-year long war was ended with the signing of the Evian Accords.

ANSWER: **France**

[10] This citadel in Algiers played a vital role in the Algerian struggle for independence and is now a Unesco World Heritage Site. This name is actually the definition of a North African fortress, and The Clash famously “Rocked” one of these in a 1982 song.

ANSWER: the **Casbah**

20. According to Snell’s law of this phenomenon, the ratio of the sines of two angles is proportional to the ratio of the light velocities. For 10 points each:

[10] Name this phenomenon in which light bends as it passes through a medium.

ANSWER: **refraction**

[10] These devices cause white light to split into the visible spectrum. Isaac Newton famously used one of these while studying the composition of color.

ANSWER: **prism**

[10] This phenomenon is visually similar to refraction. In this phenomenon, an object appears displaced when viewed from two lines of sight.

ANSWER: **parallax**