

The 2018 Scottie



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Packet Thirteen

TOSSUPS

1. One politician with this surname established Lafayette Square in New Orleans. Another politician with this name initiated the Phoenix Pay system, and was given the nickname “little potato” when attending a G20 summit in China. That man’s father initiated the War Measures Act in response to incidents perpetrated by the (*) FLQ. Those incidents, known as the October Crisis, led to that man’s disavowment of Quebec separatism. For 10 points, name this surname shared by the current Prime Minister of Canada and his father Pierre. (AP)

ANSWER: **Trudeau**

2. This artistic medium is water soluble, but it becomes water and light resistant when it dries. Diluting this medium with water can make it resemble other techniques. The introduction of this type of paint pioneered Color Field, and it is prevalent in the work of (*) pop artists like Roy Lichtenstein and Andy Warhol. For 10 points, name this type of paint often used in crafts and art classes due to its lack of harsh chemicals and its ability to easily wash away. (PB/TR)

ANSWER: **Acrylic**

3. This poem’s narrator urges “Come to the window, sweet is the night-air!” before describing the “Sea of Faith” as a “bright girdle furled”. This poem’s last stanza begins “Ah, love, let us be true” and notes that the world has “neither joy, nor love, nor light”. This poem says (*) “Sophocles long ago/Heard it on the Aegean” in reference to the “eternal note of sadness” in the title place. “Ignorant armies clash by night” in the title location in, for 10 points, what poem by Matthew Arnold? (GP)

ANSWER: **“Dover Beach”**

4. **Cytogenetic studies often view this stage of the cell cycle by staining with quinacrine or using G banding. The protein securin is phosphorylated during this phase to prevent ubiquitination, and cyclin B is destroyed in this phase after the (*) spindle checkpoint.** Chromosomes in this phase are used as karyotypes, and kinetochores are pulled to form two equatorial plates in this phase. For 10 points, name this phase of the cell cycle that precedes anaphase. (GP)

ANSWER: metaphase

5. **This person once fitted their car with a paper-mache teapot to remind voters of Theodore Roosevelt's connection to the Teapot Dome Scandal. The community of Arthurdale was launched by this woman who penned the Newspaper column “My Day.” This first lady resigned from the (*) Daughters of the Revolution following an incident with Marian Anderson.** For 10 points, name this first lady who had to make numerous public appearances for her husband following his paralysis due to polio. (RN)

ANSWER: Eleanor Roosevelt [or Anna Eleanor Roosevelt; prompt on “Roosevelt”]

6. **One of these musical pieces has two versions of its first movement cadenza, with the original usually called the *ossia*. Another opens with a timpani roll before the entry of the soloist and is often compared to a work by Schumann. Those works are a notoriously difficult piece by (*) Rachmaninoff and the only work in this genre by Edvard Grieg. Carl Czerny premiered an E-flat major Beethoven work in this genre nicknamed “Emperor.”** For 10 points, name these musical pieces designed for a keyboard instrument with orchestral accompaniment. (TR)

ANSWER: piano concerti [accept word forms; or piano concertos; prompt on just “concerti” or “concertos”]

7. **In one work, this philosopher rejects the teleological argument by noting that humans only experience a small part of the universe. He challenged rationalism by stating that “reason is, and ought only to be the slave of the (*) passions.”** In another work, he argued that all ideas are derived from impressions before giving the counterexample of a “missing shade of blue.” For 10 points, name this Scottish empiricist, the author of *An Enquiry Concerning Human Understanding*. (TR)

ANSWER: David Hume

8. **This object has 27 satellites, one of which, Miranda, has the largest cliff in the Solar System. This planet's ring system was originally discovered in 1977, but in 2005 the Hubble Space Telescope discovered an additional outer ring system around it. This planet has an axial tilt close to (*) 98 degrees, which means that each pole alternates between 42 years of sunlight and darkness. This planet is visible to the naked eye, but was not recognized as such for many years. For 10 points, name this planet discovered by William Herschel in 1781, the seventh planet from the sun. (OK)**

ANSWER: Uranus

9. **"In the crowding darkness, not a word did they say" describes a deteriorating relationship in "the old marrieds", the first poem in this poet's first collection. This author wrote a collection of poems titled for and written in the voice of Nelson Mandela's wife. An "old yellow pair" of women "who are Mostly Good" reminisce as they eat (*) beans in another poem by this author of *A Street in Bronzeville*. For 10 points, name this poet of "We Real Cool" and *The Bean Eaters*, the first African-American to win the Pulitzer Prize for poetry. (TG)**

ANSWER: Gwendolyn Brooks

10. **In the naval side of this battle, one side's Operation Ten-Go was doomed to failure when its lone battleship was sunk before reaching the battle site. The losing side referred to this battle as the "rain of steel" in reference to the large amounts of ships, armored vehicles and (*) kamikaze attacks involved in this battle. During this island invasion, Lieutenant General Simon Bolivar Buckner became the highest ranking American killed by enemy fire in World War II. For 10 points, name this final World War II island battle before Japanese surrender.(TG)**

ANSWER: Battle of Okinawa

11. **Kentucky Bend is separated from the rest of the state by this geographical feature, and the only natural waterfall in the upper portion of this river is Saint Anthony Falls. This river meets another one at the town of Cairo, Illinois, and its source is Lake (*) Itasca. In the early 19th century, an earthquake caused this river to temporarily run backwards, creating Reelfoot Lake in Tennessee. For 10 points, name this long North American river that empties into the Gulf of Mexico. (PB)**

ANSWER: Mississippi River

12. **One festival in this religion celebrates valor and preparedness with a military procession where warriors practice *gatka*, and a ceremony undertaken by some of its followers involves drinking sweetened water. People of all faiths are welcome at its *gurdwaras*, the most famous of which is the (*) Golden Temple in Amritsar. Members of this religion's Khalsa must have uncut hair and carry a kirpan as part of its Five K's. For 10 points, name this monotheistic Indian religion founded by Guru Nanak.(TR)**

ANSWER: **Sikhism** [or **Sikhi**; accept equivalents such as "Sikh faith"]

13. **The Stoner Criterion must be met in order for this interaction to be present. The Ising model is used to describe it, and materials that exhibit this phenomenon experience hysteresis. This phenomenon occurs due to the alignments of (*) spin states, and it disappears above the Curie temperature. The strongest type of magnetism is, for 10 points, what type of magnetism found in magnets? (MR)**

ANSWER: **ferromagnetism**

14. **A female character in this work dreams that her true love is killed by a rival for her hand while under the influence of an opiate she bought from a Persian peddler. That man in this musical featuring "Pore Jud is Daid" almost commits that crime using a (*) "Little Wonder" with a metal blade hidden inside. For 10 points, Curly sings "Oh, What a Beautiful Mornin" and wins Laurey's hand in this Rodgers and Hammerstein musical set in the title American territory. (TG)**

ANSWER: **Oklahoma!**

15. **In *Treatise on Demonstration of Problems in Algebra*, this author used the intersection of conic sections to discuss the nature and solutions of cubic equations. This man's poetry did not become popular until translated by an Englishman. This author is best known in the west for a collection of (*) four-line poems that include lines such as "A Jug of Wine, A Loaf of Bread, and Thou". For 10 points, name this "Astronomer-Poet of Persia" known for a collection of quatrains called the *Rubaiyat*.(TG)**

ANSWER: Omar **Khayyam**

16. **The Fleming-Tamao reaction often deals with these compounds. The Cativa and Monsanto processes uses one of these compounds as a feedstock. Through the Jones reaction, members of this functional group are converted into (*) aldehydes and ketones. Often recognized by the presence of a hydroxyl group, one of the most common members of this class of compounds is ethanol. For 10 points, name this group of organic compounds, found commonly in beer, wine, and whiskey. (AP)**

ANSWER: **alcohols**

17. **This actor's career gained momentum after he played drug kingpin Stringer Bell in *The Wire*. In the fifth season of *The Office*, this man appeared as Dunder Mifflin Vice-President Charles Miner. This main character of the British sitcom *Luther* scored an invite to a recent royal wedding. In the *Jungle Book*, (*) Shere Khan is voiced by this English actor, and he has been rumored to be the next James Bond. For 10 points, name this actor who plays Heimdall in the Marvel movie franchise. (TG)**

ANSWER: Idrissa Akuna Elba [or Idris Elba]

18. **Adam Smith discussed these related entities in chapter seven of *The Wealth of Nations*. On a graph depicting these entities, one is represented with an upward-sloping line, while a downward-sloping line represents the other. The lines representing these two quantities can be shifted when there is a change in (*) price. For 10 points, name this pair of economic quantities, one of which represents the amount of a good available while the other represents the need or want for that particular good. (PB)**

ANSWER: supply and demand

19. **This nation was formally established by the issuing of the Corfu declaration. This was the first Communist nation visited by Queen Elizabeth II, and it was the site of a civil war between the Chetniks and the Partisans. This only European member of the non-aligned movement (*) was led at one point by Slobodan Milošević and was expelled from the Cominform following a split with the Soviet Union. For 10 points, name this former Balkan nation, once led by Josip Broz Tito, which split apart in 1991. (RN)**

ANSWER: Yugoslavia

20. **A prisoner in this novel plays the violin at night, which saddens another character who plays piano. In this novel, a teacher refers to some students as "Iron Youth", and a cook plans to waste food prepared for 150 men. Kemmerich dies of gangrene in this novel, allowing (*) Müller to receive his boots. Himmelstoss prepares the Second Company in this novel, which includes Paul Bäumer. For 10 points, name this World War One novel by Erich Maria Remarque. (GP)**

ANSWER: *All Quiet on the Western Front*

BONUSES

1. A character in this work dances the Tarantella with her husband Torvald. For 10 points each: (GP)

[10] Name this play in which Krogstad blackmails Nora Helmer for taking a loan.

ANSWER: *A Doll's House*

[10] *A Doll's House* was written by this Norwegian playwright. He also wrote about Eilert Lovborg's manuscript being incinerated in *Hedda Gabler*.

ANSWER: Henrik Ibsen

[10] This Ibsen play sees Oswald have an unknowingly incestuous relationship with Regina. He also confesses to his mother that he suffers from syphilis and asks to be euthanized.

ANSWER: *Ghosts* [accept *Gengangere*]

2. Every element that we have discovered so far officially has a name. For 10 points each, identify these recently named elements. (MR)

[10] This element, number 113, that was first discovered at RIKEN by Japanese scientists.

ANSWER: Nihonium

[10] Oganesson, Element 118, is a member of this group. Other members of this group include Krypton and Radon.

ANSWER: Noble Gases

[10] Element 117, Tennessine, was confirmed to be an element at a Vanderbilt facility in a suburb of this Tennessee city.

ANSWER: Nashville

3. For 10 points each, answer the following about art museums:

[10] This museum on the eastern side of Central Park is the largest in the U.S. and features an American Wing with a room from one of Frank Lloyd Wright's prairie houses.

ANSWER: The Metropolitan Museum of Art [accept The Met]

[10] Centuries of artwork collected or commissioned by Spanish royalty are housed in this museum in Madrid. One top draw is "The Three Graces" by Rubens.

ANSWER: The Prado Museum [accept Museo del Prado]

[10] Botticelli works such as *Primavera* are major attractions in this museum in Florence, Italy.

ANSWER: The Uffizi Gallery

4. At its founding, this organization had 51 member states, a number that has now grown to 193.
For 10 points each: (RN)

[10] Name this international organization founded in San Francisco in 1945. It is currently headed by António Guterres.

ANSWER: **United Nations**

[10] This Swede served as the 2nd Secretary General of the UN. He was killed during a plane crash while en route to Northern Rhodesia to mediate the Congo Crisis

ANSWER: Dag **Hammaraskjold**

[10] Kofi Annan, who also served as Secretary General of the UN, hailed from this nation. This nation was once led by Kwame Nkrumah.

ANSWER: Republic of **Ghana** [prompt on “Gold Coast”]

5. Denis Dutton listed seven “universals” for this branch of philosophy, including expertise and criticism. For 10 points each:

[10] Name this branch of philosophy focusing on beauty. Many of its core ideas about art were rejected by the Dada movement.

ANSWER: **aesthetics**

[10] Beauty was defined as qualities that “cause love, or some passion similar to it” by this Whig philosopher. His *Reflections on the Revolution in France* was crucial for modern conservatism.

ANSWER: Edmund **Burke**

[10] Burke argued that beauty and this contrasting quality are mutually exclusive. According to Schopenhauer, this quality is found in things that are powerful enough to overwhelm us.

ANSWER: the **sublime**

6. This organic compound is also known as propanone. For 10 points each: (AP)

[10] Name this compound found in paint thinners and nail polish remover. It is used to clean glassware in the lab.

ANSWER: **Acetone**

[10] Acetone is the smallest member of this group of compounds, which are similar to Aldehydes.

ANSWER: **Ketones**

[10] Acetone is mainly produced by this process. It converts benzene and propylene into phenol and acetone.

ANSWER: **Cumene** Process

7. For 10 points each, name these Stephen Sondheim musicals. (PB)

[10] This Sondheim musical was inspired by Shakespeare's *Romeo and Juliet*. It tells the story of two rival gangs in New York City.

ANSWER: **West Side Story**

[10] This Sondheim musical centers around a Roman slave who is plotting his way to freedom. It was based off of a play by Plautus.

ANSWER: **A Funny Thing Happened on the Way to the Forum**

[10] In this musical, a baker and his wife are childless due to the curse of a witch. It involves several fairy tale characters such as Little Red Riding Hood, Rapunzel, and Cinderella.

ANSWER: **Into the Woods**

8. One member of this literary family is released from McAlester Prison to find his family has been evicted from their farm. For 10 points each: (GP)

[10] Name this family that includes Uncle John, Rose of Sharon, and Tom. They leave California in the wake of the Dust Bowl.

ANSWER: the **Joads**

[10] The Joad family is featured in this novel, which takes its title from Revelation 25.

ANSWER: **The Grapes of Wrath**

[10] *The Grapes of Wrath* was written by this American author of *Tortilla Flat* and *Of Mice and Men*.

ANSWER: John **Steinbeck**

9. For 10 points each, answer these questions about the Sun King. (PB)

[10] This absolutist ruler of France who reigned from 1642-1715 was known as the Sun King.

ANSWER: King **Louis XIV**

[10] One of Louis's most expensive projects was this royal palace and garden complex that is located southwest of Paris.

ANSWER: Palace of **Versailles**

[10] One of Louis's most infamous actions as king was the revocation of this law issued by Henry IV that gave religious toleration to Huguenots.

ANSWER: **Edict of Nantes**

10. In Egyptian myth, the Nile river was said to be formed from the sweat of this deity. This deity was also depicted as a war and fertility god. For 10 points each: (MR)

[10] Name this crocodile headed god, known for his apotropaic powers.

ANSWER: **Sobek** [Accept **Sebek**, **Sochet**, **Sobk**, or **Sobki**]

[10] This androgynous god was thought to make the Nile flood with his tears. He was given epithets such as “Lord of the Fish and Birds of the Marshes.”

ANSWER: **Hapi**

[10] Unlike Osiris’ green skin, Hapi was often depicted with skin of this color to depict the water he brought with each annual flood.

ANSWER: **Blue**

11. This artist was born in France, but moved to the United States to produce readymades like *Fountain*. For 10 points each: (DD)

[10] Name this artist who signed as R. Mutt on *Fountain*. He also painted *Nude Descending a Staircase*.

ANSWER: Marcel **Duchamp**

[10] Duchamp was an artist in this movement, whose name is a colloquial French word for “hobby horse”.

ANSWER: **Dada** [accept other forms]

[10] The movement began in this Zurich cabaret founded by Hugo Ball. Its namesake is the author of *The Maid of Orleans*.

ANSWER: Cabaret **Voltaire**

12. For 10 points each, answer some questions about a famous archaeological site in Pakistan.

[10] This ancient city has been given a name meaning “Mound of the Dead Men,” but its actual name is unknown.

ANSWER: **Mohenjo-daro**

[10] One impressive architectural feature of Mohenjo-daro is this “Great” public work. It is nearly eight feet deep and was waterproofed with bitumen.

ANSWER: the Great **Bath**

[10] This tiny statue found in Mohenjo-daro depicts a nude female standing confidently with one hand on her hip. The only thing she appears to have on are bangles, a necklace, and a hairpin.

ANSWER: **Dancing Girl**

13. For 10 points each, answer the following about men who explored what is now Canada.

[10] This French cartographer and “Father” of New France and Acadia founded Quebec City. (TG)

ANSWER: Samuel de **Champlain**

[10] This man explored the St. Lawrence Gulf and River and claimed Canada for France after naming it for the Iroquois word for settlement.

ANSWER: Jacques **Cartier**

[10] This captain of the *Matthew* claimed land in Canada for England after mistaking it for Asia in 1497.

ANSWER: John **Cabot** [accept Giovanni Caboto]

14. Achondrogenesis, a disease that affects bone and cartilage development, is a disease of this organelle. For 10 points each: (MR)

[10] Name this organelle that packages cellular materials into vesicles. It is named for an Italian scientist.

ANSWER: **Golgi** body [or **Golgi** complex; or **Golgi** apparatus]

[10] Leigh’s syndrome is a lethal disease that affects the maternally inherited DNA of this organelle. It is known as the “powerhouse of the cell.”

ANSWER: **mitochondria**

[10] Another mitochondrial disease, Pearson syndrome, can cause failure of this organ by affecting alpha and beta cells.

ANSWER: **pancreas**

15. This band’s most recent release is 2017’s *Concrete and Gold*, and it also released the album *Sonic Highways* as a soundtrack to a miniseries. For 10 points each: (OK)

[10] Name this American band whose songs include “Learn to Fly” and “Everlong.”

ANSWER: **Foo Fighters**

[10] The lead guitarist and frontman for the Foo Fighters is this man. He also co-founded the supergroup Them Crooked Vultures with former Led Zeppelin bassist John Paul Jones.

ANSWER: Dave **Grohl**

[10] Grohl’s career started in this band, in which he was the drummer. This band is notable for ushering in a new era of popular music with their 1991 song “Smells like Teen Spirit.”

ANSWER: **Nirvana**

16. Name some things about Gothic literature in Britain, for 10 points each: (OK)

[10] The first gothic novel is generally considered to be this one by Horace Walpole. It centers on Manfred, who is lord of the titular estate.

ANSWER: *The Castle of Otranto*

[10] Another gothic novel is this one by John Polidori, which is titled for a supernatural creature. Other examples of this creature include Carmilla and Varney.

ANSWER: *The Vampyre*

[10] Gothic fiction was also commonly parodied, with the most famous parody being this work by Jane Austen, in which Catherine Morland has read too many novels.

ANSWER: *Northanger Abbey*

17. Answer these questions about the geography of Japan, for 10 points each.

[10] Much of Japan's tea and silk are produced on this largest of the Japanese islands that is home to Mount Fuji.

ANSWER: **Honshu**

[10] This large city on the island of Honshu is the most populous city in Japan as well as its capital.

ANSWER: **Tokyo**

[10] Mount Asahi is located on this northernmost of the main Japanese islands. This second largest island is separated from Honshu by the Tsugaru Strait.

ANSWER: **Hokkaido**

18. The presidency of Franklin Roosevelt saw the creation of many new programs. For 10 points each: (PB)

[10] This name collectively refers to the series of federal reforms and programs passed by Franklin Roosevelt in response to the Great Depression.

ANSWER: **New Deal**

[10] This program created in 1934 sets standards for home construction as well as both providing and insuring home loans.

ANSWER: **Federal Housing Administration** [or **FHA**]

[10] This New Deal program was created to monitor and regulate the stock market.

ANSWER: **Securities and Exchange Commission** [or **SEC**]

19. This program language was created by Guido van Rossum, and this language makes use of white space. For 10 points each: (MR)

[10] Name this object oriented programming language.

ANSWER: **Python**

[10] Python was initially developed for use with this operating system that shares its name with a single celled organism.

ANSWER: **Amoeba**

[10] Python is often the language of choice when working on this type of project. IBM's Watson is one example of this.

ANSWER: **AI** [or **Artificial Intelligence**]

20. Answer some questions about ancient Greek literature, for 10 points each. (DD)

[10] This author, who fought against Artaxerxes with Cyrus, chronicled his military service in *Anabasis*.

ANSWER: **Xenophon**

[10] This lyric poet lived on the island of Lesbos, and almost all of her poetry is now lost. Her only extant work is the "Hymn to Aphrodite".

ANSWER: **Sappho**

[10] This poet provides us with information about Greek myth in *Theogony*. He also wrote *Works and Days*.

ANSWER: **Hesiod**