

The 2018 Scottie



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Packet Seven

TOSSUPS

1. These entities are often produced when marginal revenue equals marginal cost, since that maximizes their profit. Price competition may be governed by the Coase conjecture in this economic system. These entities discourage (*) competition and are regulated by anti-trust laws, one of which broke up the Standard Oil Company. For 10 points, name this market structure in which a single supplier controls most or all of the market for a particular commodity.
(PB)

ANSWER: monopoly

2. This engagement began with a diversionary attack at Hougomont, and one side was unable to receive reinforcements for this battle due to the Battle of Wavre. The losing commander at this battle attempted to flee to North America but was forced to surrender on the HMS (*) Bellerophon. This battle, which was preceded by fighting at Ligny and Quatre-Bras, saw Marshall Ney lead a charge on La Haye Sainte. For 10 points, name this 1815 battle in Belgium where the Duke of Wellington handed Napoleon Bonaparte his final defeat.
(RN)

ANSWER: Battle of Waterloo

3. In this painting, one central figure wears a ring with a red gem and a necklace with a cross. A priest's face nearly fills a church doorway in this work, and two circles intersecting in the bottom left corner represent an eclipse. A violinist is shown (*) upside down next to a man carrying a scythe in this painting. For 10 points, name this cubist painting in which a green-skinned man offers a sprig to an animal, created by Marc Chagall. (GP)

ANSWER: *I and the Village*

4. In this work, the servant Charlotte is in love with a character who adopts the alias “Morris Bolter”. Another character in this novel is sent to Australia after being caught with a silver snuff-box. In this story, “The (*) Artful Dodger” steals a handkerchief from Mr. Brownlow, who takes in the title character. “Monks” turns out to be the protagonist’s half-brother in this novel, and Fagin leads a ring of child pickpockets. For 10 points, name this Victorian novel about an orphan, written by Charles Dickens. (GP)

ANSWER: *Oliver Twist* [accept *The Parish Boy’s Progress*]

5. Claude Debussy’s *Premiere Rhapsodie* was originally written as a competition solo for this instrument. This instrument represents the cat in *Peter and the Wolf*, and Mozart’s final concerto was written for it. That A-major piece was written for Anton (*) Stadler and originally composed for this instrument’s basset variety. It is usually pitched in B-flat or A, and one of its prominent players was the “King of Swing.” For 10 points, name this single-reed woodwind instrument played by Benny Goodman. (PB/TR)

ANSWER: clarinet

6. Recently, at the Trevi Fountain in Rome, two families engaged in a brawl after two women had a dispute over these. Two actors who starred in *The Sandlot* performed this action after encountering a man wearing a “You’re killing me, Smalls,” shirt who did not recognize them. India leads the world in (*) deaths that occur while engaging in this action. For 10 points, name this action in which one photographs oneself with a smartphone or other device. (TG)

ANSWER: taking a selfie

7. Characters in this novel call a bicycle an “iron horse”, and tie one to a tree after killing its rider. A character in this novel is choked by his father for being “effeminate,” and later changes his name to Isaac. The kind missionary Mr. Brown is replaced by the sterner (*) Reverend Smith in this novel, and its protagonist breaks the Week of Peace by beating his wife Ojiugo. A gun firing at a funeral leads to the exile of Okonkwo, who hangs himself after killing a messenger in this novel. For 10 points, name this novel by Chinua Achebe. (GP)

ANSWER: *Things Fall Apart*

8. An unusual one of these objects rests among the roots of a tree in the ruins of The Temple of the Great Relic in Thailand. A famous one of these likenesses sits at the center of a lake in the city of Hyderabad, India. Two of these massive figures carved into a (*) cliff in the Bamiyan valley of Afghanistan were destroyed by the Taliban in 2001 as an attempt to prevent idolatry. For 10 points, name these effigies of Siddhartha Gautama. (TG)

ANSWER: statues of the Buddha [prompt on “Buddha” or “statue”; accept equivalents such as “sculptures of Buddha”]

9. This uppercase letter is represented by 4B in the ASCII [ask-ee] standard. This letter is the symbol for the geological time period during which the Triceratops lived. In this type of survival strategist, fewer young are born, but they have a higher chance of (*) surviving into adulthood. This letter is used to represent the piece that must be captured to win a game of chess. For 10 points, name this 11th letter in the alphabet that is the chemical symbol for potassium.

ANSWER: K (MR)

10. Great Britain and Belgium gained control of this body of water following a bizarre World War 1 naval battle. The Malagarasi and Ruzizi rivers flow into this body of water whose main outlet is the Lukuga River, and the first Western explorers to discover this non-Victoria lake were (*) Richard Burton and John Speke. This lake partially names a modern-day African country, along with an island group to the east. For 10 points name this 2nd deepest lake in the world that is found between the DRC and Tanzania. (RN)

ANSWER: Lake Tanganyika

11. This man claimed to have disproved the possibility of time travel by throwing a party and only sending out invitations the next day. This man was appointed Lucasian professor at Cambridge in 1979. One equation named for Penrose and this man tries to solve the problem of (*) gravitation-producing singularities. For 10 points, name this theoretical physicist who died from complications of ALS in March 2018. (MR)

ANSWER: Stephen Hawking

12. One member of this political party, Jared Ingersoll, served as running mate for a member of a rival party who oversaw the construction of the Erie Canal. A newspaper called the Gazette of the United States supported this party, which had its policies attacked by the (*) Kentucky and Virginia Resolutions. This party saw its downfall following talk of secession during the Hartford Convention, and its only elected President was John Adams. For 10 points, name this early American political party founded by Alexander Hamilton, the rivals of the Democratic-Republicans. (RN)

ANSWER: Federalist Party

13. Derek Parfit's addiction argument attempts to counter the desire theory of this philosophical concept, which is associated with contemplation in Neoplatonism. Boethius claims that this state can be reached regardless of fortune, while Aristotle says (*) virtue is required to achieve it. *Eudaimonia* is commonly translated as this word, and utilitarians attempt to provide the greatest amount of it to the greatest number. For 10 points, name this state of being associated with satisfaction and pleasure.(TR)

ANSWER: **happiness** [accept clear equivalents like “being happy”; prompt on “pleasure” or “satisfaction” before “*eudaimonia*”]

14. Robert Hooke built the J-shaped containers used in the experiments that led to this law's discovery. It was initially known as “Towneley's hypothesis,” and it was independently found fifteen years later by Edme Mariotte. This oldest of the three laws in the (*) combined gas law is valid for an ideal gas held at a constant temperature. For 10 points, name this gas law stating that, for any ideal gas, pressure and volume are inversely related. (GP)

ANSWER: **Boyle's** law [accept **Boyle-Mariotte** law or **Mariotte's** law before “Mariotte”]

15. In Japanese mythology, an oni spit out one of these weapons that can produce anything one wishes for. Sucellus, a Gallic god with Celtic roots, carries a bowl in one hand and one of these weapons in the other. That god's name means “the good (*) striker”. During the forging of one of these weapons, a gadfly stung the dwarf Brokkr, which caused its handle to be too short. For 10 points, name this type of weapon, wielded by the Norse god Thor. (MR)

ANSWER: **Hammer** [accept **War Hammer**]

16. In a work by this author, Zverkov and the narrator spend a night at a miller's house, where Zverkov describes the injustices of serfdom. That story, “Yermolay and the Miller's Wife” is part of this author's *A Sportsman's Sketches*. In another work by this author, (*) Arkadiy and his friend return from university espousing a nihilistic philosophy. In that work by this author, Bazarov accidentally cuts himself and later dies of typhus. For 10 points, name this Russian author of *Fathers and Sons*. (DD)

ANSWER: Ivan **Turgenev**

17. Prince Albert commissioned Thomas Thornycroft to sculpt a statue of this leader. After winning victories in modern day London and Colchester, this leader's forces were defeated when their own wagon train blocked their retreat. That battle was fought at (*) Watling Street. This leader was the widow of Prasutagus, the King of the Iceni. For 10 points, name this leader of a native revolt against Roman rule in Britannia. (AP)

ANSWER: **Boudicca** [or **Boudicea**; or **Buddug**]

18. This civilization is divided into three phases, beginning around 2000 BCE and ending with its mysterious collapse around 1500 BCE. The language of this civilization has not yet been deciphered, although it did influence the later (*) Linear B language. Excavations at a site attributed to this civilization found a painting depicting bull leaping. For 10 points, name this early Greek civilization that was centered on the island of Crete and whose largest city was Knossos. (PB)

ANSWER: **Minoan**

19. Lemuel Diggs first described the difference between this disease and the presence of its alleles. The Senegal variety of this illness is more mild than the Cameroon variety. In this sickness, a glutamic acid is replaced with valine. (*) Carriers of this disease have a resistance to Malaria while exhibiting no symptoms. For 10 points, name this disease that causes red blood cells to take on a crescent moon shape. (MR)

ANSWER: **Sickle Cell** Anemia

20. The speaker of this poem claims to have seen “marks of wanton hunger” on the title entity’s inhabitants. The phrase “stormy, husky, brawling” appears twice in this poem, which compares this poem’s subject to a fighter who has “never lost a battle”. This poem’s title entity laughs with “white teeth” and has (*) “big shoulders”. The speaker defends the title city as “alive and coarse and strong and cunning.” “Hog Butcher for the World” is the first line of, for 10 points, what poem by Carl Sandburg about a Midwestern city? (GP)

ANSWER: **“Chicago”**

BONUSES

1. Zeus had Hephaestus make this first woman. For 10 points each: (SK)

[10] Name this beautiful woman who let many evils into the world by opening her namesake box.

ANSWER: **Pandora**

[10] Pandora was married to this brother of Prometheus who gave all the gifts in the world to the animals, leaving humans with no gifts.

ANSWER: **Epimetheus**

[10] Fortunately, humans had reason to be optimistic, since this feeling did not escape her jar.

ANSWER: **Hope**

2. The study of this psychological concept was pioneered by Gordon Allport, whose trait theory is the basis of many measures of this concept. For 10 points each: (TR)

[10] Identify this general term for an individual's behavior and thought process. One measure for it was developed by Myers and Briggs.

ANSWER: **personality**

[10] This Minnesota-developed personality test contains 567 true-false questions divided into ten clinical subscales and four validity scales. It is currently the most widely used objective personality test.

ANSWER: **MMPI-2** [or **Minnesota Multiphasic Personality Inventory**]

[10] The first clinical subscale in the MMPI focuses on this condition. People with this psychosomatic disorder are often worried about their health and can exaggerate the severity of illnesses.

ANSWER: **hypochondriasis** [or **hypochondria**; accept **illness anxiety** disorder]

3. Not all cities just grow up over time. For 10 points each, identify these cities that were planned:

[10] All of the streets in this city are 130 feet wide, and its grid was designed around Temple Square. This city is also home to the Latter Day Saints Church. (TG)

ANSWER: **Salt Lake** City

[10] Dinocrates was the architect of this city, which was commissioned by its namesake. This city was known for both its library and lighthouse.

ANSWER: **Alexandria**

[10] Richland, Washington and Oak Ridge, Tennessee, along with this home to Project Y in New Mexico, were all cities designed by the government to take part in the Manhattan Project.

ANSWER: **Los Alamos**

4. This Italian scientist's namesake law deals with the flow rate of a fluid out of an opening. For 10 points each: (MR)

[10] Name this inventor of the barometer.

ANSWER: Evangelista **Torricelli**

[10] The barometer measures the "air" variety of this force. This measure is defined as the force per unit area.

ANSWER: **pressure**

[10] Pressure is measured in this SI unit. It is named for a French scientist also known for his namesake wager.

ANSWER: **Pascal**

5. A tree is the only piece of scenery present in this play, which has a character nicknamed "Gogo." For 10 points each: (GP)

[10] Name this play centering on Vladimir and Estragon, both of whom are engaging in the title action.

ANSWER: ***Waiting for Godot***

[10] *Waiting for Godot* was written by this absurdist dramatist. Nag and Nell live in garbage cans in his play *Endgame*.

ANSWER: Samuel **Beckett**

[10] Beckett wrote two plays titled Acts Without [these things]. Instead of using these things, those plays consisted only of pantomime accompanied with whistles and music.

ANSWER: **words**

6. For 10 points each, name these court cases that have shaped American society. (PB)

[10] This 1857 case, that ruled that slaves were property and had no rights, began after a slave moved with his owner to a free territory and back.

ANSWER: ***Dred Scott v Sanford***

[10] In 1905, the Supreme court struck down a state law that limited bakers to a 60 hour work week. In this case, the court ruled that the state law violated the "freedom of contract" between the employer and employee.

ANSWER: ***Lochner v New York***

[10] This 1989 case overturned the conviction of a man for burning the American flag due to his right to free speech.

ANSWER: ***Texas v Johnson***

7. Answer some questions about an NBA team's offseason moves, for 10 points each. (TR)
[10] This team began their offseason by signing Rajon Rondo, but is much more notable for signing LeBron James.

ANSWER: Los Angeles **Lakers** [prompt on just "Los Angeles"]

[10] The Lakers were speculated to be frontrunners for this at-the-time disgruntled Spur. This two-time Defensive Player of the Year was instead traded to Toronto.

ANSWER: **Kawhi** Anthony **Leonard** [accept either underlined portion]

[10] With no second superstar on the way, the Lakers settled for a collection of veterans, including this former Pacer. He is probably most famous for blowing into LeBron's ear during the 2014 playoffs.

ANSWER: Lance **Stephenson** Jr.

8. This island was first definitively settled in 874 AD, although there may have been an earlier population of Irish monks. For 10 points each: (OK)

[10] Name this island, which was the starting point for later expeditions to Greenland and North America.

ANSWER: **Iceland**

[10] Iceland is the home of this legislative assembly, which has been in existence in some form since 930.

ANSWER: **Althing**

[10] In more recent history, Iceland has had several disputes with the United Kingdom over rights to this commodity. The Grand Banks are a major source of this commodity.

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

9. This philosopher and author once famously said that "Those who cannot remember the past are condemned to repeat it." For 10 points each: (TG)

[10] That quote is from the five-volume *Life of Reason* by this philosopher, who also wrote *The Sense of Beauty* and *The Realms of Being*.

ANSWER: George **Santayana**

[10] Another work by Santayana was titled "this philosophy" and *Animal Faith*. Adherents of this philosophy are very suspicious of claims of certainty in knowledge.

ANSWER: **Skepticism**

[10] Although Santayana viewed himself as an American, he was originally from this country which was home to other philosophers such as Isidore of Seville.

ANSWER: **Spain**

10. Answer some things about a specific group of American authors, for 10 points each: (OK)
[10] These writers first met around Columbia University in New York, and included such authors as William S. Burroughs and Allen Ginsberg.

ANSWER: **Beat** Generation

[10] Many writers associated with the Beat movement later moved to this city, the site of Lawrence Ferlinghetti's City Lights bookstore. This helped them connect with the hippies of the 1960s.

ANSWER: **San Francisco**

[10] City Lights Bookstore was at the center of an obscenity trial in 1957 for publishing this poem, the most famous work of Allen Ginsberg.

ANSWER: **Howl**

11. The Italian artist Giorgio Vasari once recorded that when this man visited Rome, he was celebrated as a "Raphael reborn." For 10 points each:

[10] Name this artist of *Self Portrait in a Convex Mirror* and *Vision of Saint Jerome*, whose name means "the little one from Parma".

ANSWER: **Parmigianino** [or Girolamo Francesco Maria **Mazzola**]

[10] This famous painting by Parmigianino contains a small statue of St. Jerome holding out a scroll and shows Mary holding a disproportionately large baby Jesus.

ANSWER: The **Madonna of the Long Neck**

[10] Both Vasari and Parmigianino belonged to this art style that challenged the idealized naturalism of High Renaissance art and emphasized abnormalities of scale.

ANSWER: **Mannerism** [accept **Late Renaissance** art]

12. One character in this novel has a special attachment to her grandfather's bowler hat. For 10 points each: (OK)

[10] Name this Czech novel, in which Tomas tries to navigate life in Prague and has an affair with Sabina.

ANSWER: *The **Unbearable Lightness of Being***

[10] *The Unbearable Lightness of Being* is by this author, who also wrote *The Book of Laughter and Forgetting*.

ANSWER: Milan **Kundera**

[10] Another important character in *The Unbearable Lightness of Being* is Karenin, who is this type of animal. She dies of cancer in the countryside, but not before befriending a pig.

ANSWER: a **dog**

13. This thermodynamic quantity is equal to enthalpy minus the product of temperature and entropy. For 10 points each: (MR)

[10] Name this thermodynamic quantity symbolized by G.

ANSWER: **Gibbs free energy**

[10] Josiah Willard Gibbs earned the first American Doctorate in engineering from this Ivy League school in New Haven, Connecticut.

ANSWER: **Yale**

[10] Gibbs free energy is also equal to negative the number of electrons transferred, times standard cell potential, times this man's constant.

ANSWER: Michael **Faraday**

14. Answer some questions about the Korean War, for 10 points each. (RN)

[10] The war began when North Korean forces crossed this boundary to invade South Korea.

ANSWER: **38th Parallel**

[10] This grandfather of Kim Jong-Un led North Korea during the Korean War.

ANSWER: **Kim Il-Sung** [or **Kim Song-ju**]

[10] South Korea was led by this pro-capitalist dictator. He was later removed from power in the April Revolution.

ANSWER: Syngman **Rhee** [or **Yi Seungman**]

15. Name some things about superlative US National Parks, for 10 points each. (OK)

[10] The four largest US National Parks are located in this state; they include Wrangell-St. Elias and Katmai.

ANSWER: **Alaska**

[10] The first national park to be established was this one, which contains numerous geothermal attractions including Old Faithful.

ANSWER: **Yellowstone**

[10] At an average of 680 inches per year, this national park is the "snowiest" in the U.S. The namesake of this park that is southeast of Seattle is actually an active volcano.

ANSWER: **Mt. Ranier** National Park

16. This man won the Africa Prize for creating a new non-invasive disease test. For 10 points each:(MR)

[10] Name this 24 year old Ugandan inventor and co-founder of Matibabu.

ANSWER: Brian **Gitta**

[10] Gitta developed the new non-invasive test for this disease, which is most commonly transmitted by Plasmodium vivax.

ANSWER: **malaria**

[10] Malaria takes its name from the Greek for “bad” [this]. This substance is 70 percent nitrogen.

ANSWER: **air**

17. For 10 points each, answer the following about prehistoric cultures on the North American continent.(TG)

[10] During this period from before 13,000 B.C. to around 6,000 B.C., Clovis and Folsom points were most likely used in the hunt for mammoth or bison.

ANSWER: **Paleoindian**

[10] Following the Basketmaker periods, this culture began to thrive and became centered near Chaco Canyon, New Mexico. Early Spanish explorers used their word for “village” or “town” to describe the adobe communities of these people.

ANSWER: **Pueblo**

[10] Ancient Puebloan cliff dwellings have been preserved in this “green table” region that includes a namesake National Park in Colorado.

ANSWER: **Mesa Verde**

18. **[NOTE TO MODERATOR: do not reveal Henry Purcell on the first part]** The British Ministry of Education requested this work for *Instruments of the Orchestra*, an educational film. For 10 points each: (TG)

[10] This work of Benjamin Britten is in the same genre of musical education for children as *Peter and the Wolf* and *Carnival of the Animals*.

ANSWER: *The **Young Person’s Guide to the Orchestra**: Variations and Fugue on a Theme of Henry Purcell. Op 34.*

[10] Britten took some inspiration for *The Young Person’s Guide to the Orchestra* from this composer’s rondeau from *Abdelazer*.

ANSWER: Henry **Purcell**

[10] Purcell is best known for this opera based on two lovers from *The Aeneid*.

ANSWER: ***Dido and Aeneas***

19. In one critical work, this book is accused of portraying Africa as “the antithesis of Europe and therefore of civilization.” For 10 points each: (OK)

[10] Name this book, the subject of Chinua Achebe’s lecture “An Image of Africa.”

ANSWER: ***Heart of Darkness***

[10] Achebe’s lecture is a key text in this field of study, which focuses on the legacy of European exploration and expansion.

ANSWER: **postcolonialism**

[10] An example of early postcolonial writing can be seen in Hubert Harrison’s poem “The Black Man’s Burden”, a response to this British writer’s “The White Man’s Burden”.

ANSWER: Rudyard **Kipling**

20. For 10 points each, identify the following firsts in the race to space. (TG)

[10] In April, 1961, this Russian cosmonaut became the first human to journey into outer space.

ANSWER: Yuri **Gagarin**

[10] In May, 1961, this astronaut, who hit two golf balls while on the moon, became the first American in space.

ANSWER: Alan **Shepard**

[10] This stray dog from the streets of Moscow beat both men to space as a passenger on Sputnik II in 1957.

ANSWER: **Laika**