

# FORT OSAGE NOVICE SET (FONS) IV

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## Round 8

1. Because of “color confinement,” *these* elementary particles are never directly observed or found in isolation, and as such are found only in baryons or as mesons. *These* particles have intrinsic properties such as electric charge, mass and spin, and the man credited with proposing them, Murray Gellman, believes that even smaller versions could exist of *these*. The hadrons (\*) that constitute these particles are made up of protons and neutrons. For 10 points, name these particles, which are a fundamental part of matter, and include flavors like “bottom,” “charm,” and “top.”

### Quarks

2. Two rock monoliths named Aso and Zuma rise in and around the capital of *this* West African nation. The northeastern corner of *this* West African nation is bordered by Lake Chad, and the Obudu Plateau rises in the southeastern corner of this nation, near its border with Cameroon. The southern portion of *this* nation has been referred to as the “Oil Rivers,” where the Niger River flows into the Gulf of Guinea. (\*) For 10 points, name this West African nation, the most populous on the continent, whose largest city is Lagos and capital is Abuja.

### Nigeria

3. The sequel to *this* novel was published in 1997 and was entitled *Closing Time*, although the author acknowledged that the timeline of events mentioned in the sequel was incorrect. *This* novel’s protagonist declares war on “modifiers,” while editing letters home from enlisted men. An “IBM with a sense of humor”(\*) makes this man’s commander, “Major Major Major Major,” and that officer jumps out of a window to avoid talking to the protagonist. For 10 points, name this novel by Joseph Heller about Yossarian’s attempts to avoid the title situation, which involves ever-increasing bombing missions.

### Catch-22

4. This woman was the first African-American stand-up comic to host *Saturday Night Live*, and will star in Season 2 of *The Last O.G.* with fellow comic Tracy Morgan. This woman published her memoir, “The Last Black Unicorn,” describing her early struggles and homelessness, and her breakout role was 2017’s *Girls Trip*.(\*) This comedian had a famous encounter with Beyonce which went viral, showing the pop singer with her face almost completely covered by *this* woman’s hair. For 10 points, name this comedian and actress who stars with Kevin Hart in *Night School*.

### Tiffany Haddish

5. The nation that served as the endpoint for *this* route is currently in the midst of a plan called the “Belt and Road Initiative” to re-establish it. *This* trade route was used by Venetian trader Marco Polo, but was discontinued by the Ming Dynasty leaders in the 14th century, (\*) when trade along the southern water route became much safer. *This* trade route began in Han Dynasty, which expanded the Great Wall of China in order to serve as protection for travelers and merchants of *this* trade route. For 10 points, name *this* trade route that ran from China to Europe and derives its name from a prominent luxury good.

### Silk Road

6. Temples of *this* religion are called “hounfours” {HOWN-FORS} and priests of *this* religion are called either hounsans {HOWN-GUNS} or mambos, based on their gender. The supreme god of *this* religion is Bondye {BON-DEE-YAY}, and he communicates with *loas* like Papa Legba and Baron Samedi {SAWM-DEE}.\* This religion is often linked with zombies, and namesake “dolls,” and is most prominent in Caribbean nation of Haiti. For 10 points, name this religion, which was syncretized {SINK-RAH-TIZED} with West African and Catholic beliefs.

### Voodoo

7. *This* musical style saw the creation of common-practice tonality, meaning that composers wrote a piece meant to be played in a certain key. The spread of *this* musical style was encouraged by the Catholic Church in the wake of the Council of Trent, and the harpsichord was a prominent instrument in *this* musical era. (\*) This musical style saw evolution of the dance-suite, which despite the name, was intended for listening only. For 10 points, name this musical style which came after the Renaissance era and before the Classical era and included such prominent composers as Domenico Scarlatti and Johann Sebastian Bach.

### Baroque Era

8. The Canadian province of Alberta has had extraordinary success keeping *this* rodent out of its territory, using chemicals such as warfarin. Robert Thorndike studied a supposed “g factor” for intelligence in *these* rodents, which proved inconclusive, but a 2007 study found that *these* rodents have metacognition, (\*) previously documented only in humans and primates. A “flood” of the black variety of *this* rodent affects two states in northern India every 50 years or so, and that same type of *this* rodent is also a vector for diseases like Hantavirus and the bubonic plague. For 10 points, name these rodents who are commonly used for laboratory research, and differ from mice by their size.

### Rats

9. Four sequels were written to *this* young adult novel, starting with *The River* in 1990. The protagonist of *this* novel, Brian Robeson {ROE-BUH-SIN}, is traveling from the Hamptons to California to see his father when the pilot dies of a heart attack, forcing him to crash the plane into a mountain lake. (\*) Brian survives in the wilderness by building a shelter under a rock overhang, and using the title object to hunt wildlife and chop wood. For 10 points, name *this* 1987 novel by Gary Paulsen in which Brian Robeson survives nearly two months in the forest using the title object.

### Hatchet

**10. Alexis de Tocqueville described *this* American geographical region as having “given up to the dreams of fancy and the unrestrained experiments of innovators,” while historian Hannah Adams wrote a *Summary History of this region that begins with the settlement of Plymouth*. (\*)** The man who named this region, John Smith, explored it in 1614, and members of his crew may have brought a plague that wiped out nearly all of the Native population of the Cape Cod area. For 10 points, name this American region that encompasses all of the states northeast of New York and derives its name from the national origin of its early settlers.

### **New England**

**11. It was said that Hermes invented the lyre, but *this* Greek demi-god perfected it, using a “golden” one to charm living things and even inanimate objects. This demi-god was the son of Calliope {KAH-LIE-UH-PEE}, and protected the Argonauts from the Sirens by drowning out their singing with the playing of his lyre. (\*)** When *this* demigod’s wife was bitten by a viper and went to the Underworld, *this* demigod went there in an attempt to get her back. For 10 points, name *this* demigod who was told by Hades not to look back at his wife Eurydice {YUR-IDD-IH-SEE} but when he did so, she died a second time.

### **Orpheus**

**12. A proposed canal across *this* state began in 1838 at Lake St. Clair, but only 16 miles were built before it was discontinued in 1843. *This* state contains a peninsula nicknamed “the Thumb,” lying between Lake Huron and Saginaw Bay, (\*)** which is the largest drainage basin in *this* state. This state’s Traverse City is the largest producer of cherries in the United States, and the Straits of Mackinac {MACK-IH-NAW} separate *this* state’s “Lower” portion from its “Upper.” For 10 points, name *this* U.S. state, the only one that is made up of Two Peninsulas, which has its capital at Lansing.

### **Michigan**

**13. According to a 2018 report, officials in President Trump’s administration have discussed plans for a possible coup d’etat {COO--DAY-TAH} with members of *this* nation’s military, and *this* nation has not exchanged ambassadors with the U.S. since 2010. This nation’s current leader, Nicolas Maduro, (\*)** was the target of a 2018 assassination attempt in Caracas by a drone carrying C-4, which he blamed on “right-wing” elements and neighboring Colombia. For 10 points, name this oil-rich South American nation, which is in the midst of severe hyperinflation, food shortages, and a general collapse of basic services.

### **Venezuela**

**14. This stimulant can be used as a natural pesticide against insects, and in the human body, this stimulant blocks the action of adenosine {AH-DENN-O-SEEN} on its receptor, stopping the onset of drowsiness. Withdrawal symptoms of *this* stimulant can include sleepiness, headache, (\*) and irritability, and is recommended only in small amounts for pregnant women. This stimulant is also known as “guaranine” {GWAR-AH-NEEN} or “mateine” {MAH-TAY-EEN}, when used as an ingredient in energy drinks. For 10 points, name this stimulant, the world’s most widely consumed psychoactive substance, found in coffee and tea.**

**Caffeine** (accept “guaranine” or “mateine” before mention)

**15. During the deliberations over *this* Supreme Court case, Chief Justice Fred Vinson died of a heart attack. His replacement, Earl Warren, pushed for a unanimous decision in this case, which allowed Associate Justice Felix Frankfurter to use the key term “with all deliberate speed.”(\*)** Sociologist Gunnar Myrdal’s book *An American Dilemma* and Kenneth Clark’s “doll test” were used by the NAACP to prove the harm of segregation in *this* case, which despite its 1954 ruling, was not implemented in many Southern states for years. For 10 points, name this landmark Supreme Court case which struck down segregation in public schools.

**Brown vs. Board of Education of Topeka** (case)

**16. One chapter in *this* novel describes the importance of the yam, while another chapter describes how the tortoise shell became smooth. The protagonist of *this* novel violates the “Week of Peace” by beating one of his wives for forgetting to make his dinner, (\*) and later that same protagonist accidentally shoots and kills a young man after a funeral. That incident in *this* novel leads to the seven year exile for the protagonist, denying him a chance to rise in the village hierarchy. For 10 points, name this novel about the tragedies that affect Okonkwo in 19th century West Africa by Chinua Achebe.**

**Things Fall Apart**

**17. This artist survived a polio outbreak and a severe traffic accident all before the age of 18, and originally wanted to be a doctor before turning to art. She used her signature *retablo* {RAY-TAH-BLO} style to paint works such as *My Birth* and *Henry Ford Hospital* *The Flying Bed*, while living in Detroit. This artist commonly wore the peasant dress of her native Mexico, (\*) and painted numerous self-portraits, including one with a monkey on her right shoulder. For 10 points, name this female Mexican artist, known for her surrealistic portraits and her famous unibrow.**

**Frida Kahlo**

**18. A fellow mathematician supposedly said “Read *this man*, he is the master of us all!,” and this mathematician got his start working with Daniel Bernoulli in St. Petersburg. This man pioneered ideas about infinitesimal {EN-FINN-TESS-IH-MAL} calculus, introducing the use of logarithms and exponential function. His work with graph theory led to the Seven Bridges of Königsberg (\*) problem, which showed that a single circuit of the bridges could not be done. For 10 points, name this Swiss mathematician, the namesake of a number in calculus equal to 2.71828.**

**Leonhard Euler** {said: OY-LURR}

19. Like Paris, *this* European city has a network of underground catacombs, most of which were just discovered in the past few decades. Historically, this city was located about 15 miles inland from the Tyrrhenian Sea, and the coastal city of Ostia {OSS-TEE-AH} served as its outlet to the sea. This city was originally surrounded by the Servian Wall, (\*) but has since expanded beyond those borders to Ostia and surrounding areas. For 10 points, name *this* European capital city which was supposedly built on Seven Hills, and serves as the capital of Italy.

### Rome

20. Rudyard Kipling's 1904 short story "'They'" describes an isolated country estate in England populated with *this* type of people, and Daphne du Maurier's title character "Rebecca" was also *this* type of person, seeking revenge. Miss Jessel and Peter Quint are *these* types of characters in Henry James' *The Turn of the Screw*, (\*) and *these* types of characters appear in multiple Shakespearean works, such as Banquo in *Macbeth* and Hamlet's father in *Hamlet*. For 10 points, name *these* types of literary characters that include ones called "Christmas Past, Present, and Yet to Come" in *A Christmas Carol* by Charles Dickens.

Ghosts (accept equivalents like "spirits," or "specters")

21. *This* government agency is headquartered in Woodlawn, Maryland and its creation was inspired by the 1935 Townsend Plan. The first recipient of a "check" from *this* agency was Ida Mae Fuller in 1940, and *this* agency bounced between different Cabinet departments before President Clinton returned it to the status of an independent agency (\*) within the Executive branch of the federal government in 1994. For 10 points, name this government agency which is the largest social welfare program in the United States, and sends out monthly checks to its recipients.

### Social Security Administration

22. This element was first discovered in 1789 in the mineral pitchblende, and high-grade versions of *this* element are found in the Athabasca Basin of Saskatchewan, Canada. All isotopes of *this* element are naturally unstable, and "depleted" versions of *this* element are used in armor plating. One type of *this* element is ground up into a powder and leached with an acid to form "yellowcake," (\*) the sale of which was the subject of a controversy leading up to Operation Iraqi Freedom. For 10 points, name this element, commonly used in nuclear devices, with atomic number 92.

### Uranium

## BONUSES

1. This play contains the famous quote, "And though she be but little, she is fierce," by Helena describing Hermia {HERR-MEE-AH}. For 10 points each...

(10) Name this Shakespearean play that describes both the marriage of Theseus to Hippolyta, but also the "play within a play" *Pyramus and Thisbe*.

ANSWER: **A Midsummer Night's Dream** (DO NOT accept "A Midsummer'S Night Dream")

(10) *A Midsummer Night's Dream* is often classified as *this* genre of Shakespearean plays. Other plays by Shakespeare in *this* genre include *Twelfth Night* and *The Taming of the Shrew*.

ANSWER: **Comedy** (accept word forms like "comedic")

(10) Two significant characters in this work are Oberon, who is the king of *these* types of forest creatures, and Puck, who places a spell on Nick Bottom, turning him into a donkey.

ANSWER: **Fairy(ies)** (accept "**sprite**")

2. Almost 70% of this state's population lives in the coastal, southern fifth of the state. For 10 points each...

(10) Name *this* northeastern U.S. state with capital at Augusta.

ANSWER: **Maine**

(10) The northern part of Maine is the only portion of the Lower 48 states whose power grid runs through another country. Name *this* country that lies to the north of Maine.

ANSWER: **Canada**

(10) Northern Maine legislators have proposed that the state be split into 2 parts, one of which would remain Maine, but the southern part would be named for *this* New England state that once owned Maine.

ANSWER: **Massachusetts** (accept "**North Massachusetts**")

3. For this bonus, you will answer questions about the military unit nicknamed the "Hello Girls," who were created in 1918. For 10 points each...

(10) Name this General of the Armies during World War I, who created the volunteers of the U.S. Army Signal Corps.

ANSWER: **John Pershing**

(10) The "Hello Girls" handled phone calls between Allied officers and had to be fluent in both English and *this* language, reflecting the nation where most of the battles of the Western Front took place.

ANSWER: **French**

(10) The "Hello Girls" unit was disbanded in 1920, the same year that *this* Amendment was passed giving women the right to vote.

ANSWER: **19th Amendment**

4. This human body organ is the only organ that can store glycogen for use by other organs. For 10 points each...

(10) Name this organ that, along with storing glycogen, detoxifies metabolites, synthesizes proteins, and produces chemicals for digestion.

ANSWER: **Liver**

(10) Glycogen is a polysaccharide of *this* simple sugar, with a formula of  $C_6H_{12}O_6$ .

ANSWER: **Glucose**

(10) Glucose is a monosaccharide, which is a subcategory of *these* biomolecules which consist of carbon, hydrogen, and oxygen atoms, and in the human body, starches and sugars.

ANSWER: **Carbohydrates**

5. Answer some questions about New Jersey Senator Cory Booker. For 10 points each...

(10) Booker was elected mayor of *this* largest city in New Jersey in 2006 where he served until 2013.

ANSWER: Newark

(10) Booker won a 2013 special election to fill the seat of *this* Senator from New Jersey, who had already announced that he would be stepping down in 2014 when his fifth term ended.

ANSWER: Frank Lautenberg

(10) During the confirmation hearings, Booker supposedly compared himself to *this* rebellious Roman slave, who was the subject of a 1951 novel by Howard Fast.

ANSWER: Spartacus (he actually said, "This is about the closest I'll probably have in my life to an "I am Spartacus" moment!")

6. Answer some questions about Aztec mythology. For 10 points each...

(10) This god was the creator deity of the Aztec people, who appeared as a feathered serpent in his god-form, and served as a boundary between worlds.

ANSWER: Quetzalcoatl {KETZ-ULL-COE-AH-TULL}

(10) Aztec god Tezcatlipoca {TAYS-COTT-LIH-POE-CAH} was *this* relation to Quetzalcoatl and was known as the "Smoking Mirror."

ANSWER: Brother

(10) *This* jungle cat was important to Aztec mythology and was known as Ocelotl {O-SUH-LOE-TULL}. Although it is small, it is very quick and can take down most animals native to the Americas.

ANSWER: Jaguars

7. Greek mathematician Archimedes created an algorithm for calculating this around 250 BCE. For 10 points each...

(10) Name *this* mathematical constant approximately equal to 3.14159.

ANSWER: Pi

(10) Pi is considered *this* type of number, since it cannot be expressed as a common fraction and its decimal representation is in a permanently repeating pattern.

ANSWER: Irrational numbers (accept "transcendental" number)

(10) Pi was originally defined as the ratio of a circle's circumference to *this* entity, which is any straight line segment that passes through the center of a circle, and whose endpoints lie on the circle.

ANSWER: Diameter

8. This musical is now the fourth longest running show in Broadway history, and the sixth longest on London's West End. For 10 points each...

(10) Name this Andrew Lloyd Webber musical about a tribe of felines called "the Jellicles" who gather each year and decide who will ascend to the Heaviside {said: HEAVY-SIDE} Layer.

ANSWER: Cats

(10) *Cats* is based on the poetry collection *Old Possum's Book of Practical Cats* by *this* American-born author who also wrote *The Waste Land*.

ANSWER: Thomas Stearns (T.S.) Eliot

(10) Grizabella, an older, but formerly glamorous cat, sings *this* song, about being neglected by both humans and cats alike, which opens with "turn your face to the moonlight/Let *this* lead you on."

ANSWER: "Memory" (accept "your memory")

9. This bonus is about “time pieces” in literature. For 10 points each...

(10) In *this* Charles Dickens work, all of the clocks in Miss Havisham’s {HAVE-UH-SHUMM} residence are stopped at 20 minutes to 9, signifying her former fiancé’s betrayal.

ANSWER: **Great Expectations**

(10) In *this* O. Henry work, Della sells her hair to get a chain for her husband Jim’s watch, only to find out that Jim had sold the watch to buy a set of combs for her formerly long hair.

ANSWER: **The Gift of the Magi**

(10) In *this* English author’s work, “The Clock-Winder,” the title character laments the “rheumatic clock” that keeps him from his true love. *This* author also wrote *Tess of the d’Urbervilles* and *Jude, the Obscure*.

ANSWER: **Thomas Hardy**

10. For this bonus, you will answer some questions about the longest serving Pope in history, Pope Pius IX {9th}. For 10 points each...

(10) Pius survived *this* European “revolutionary year” that saw popular uprisings in Austria, the German states, and France. Pius angered many Italians when he refused to attack Austria.

ANSWER: **1848**

(10) During the 1848 Revolutions, Pius abandoned the Quirinal Palace in Rome for *this* other location in Rome, which is now the world’s smallest nation, at around 100 acres in size.

ANSWER: **Vatican City** (accept “**Vatican Palace**”)

(10) Pius was controversial for his acceptance of the forced conversion of Edgardo Mortara, a member of *this* faith which was a minority in Bologna.

ANSWER: **Judaism** (accept “**Jewish**” faith)

11. Answer some questions about the 2018 Major League Baseball season in one of its toughest divisions, the American League Eastern Division. For 10 points each...

(10) Barring a change of fortune, this AL East franchise will finish with the worst record in the MLB. This franchise traded longtime infielder Manny Machado {MAH-SHAH-DO} in July to the Los Angeles Dodgers.

ANSWER: **Baltimore Orioles** (accept either answer)

(10) By contrast, *this* fellow AL East Division team became the first to reach 100 victories and is led by former player Alex Cora.

ANSWER: **Boston Red Sox** (accept either answer)

(10) *This* New York Yankees outfielder and 2017 Rookie of the Year broke a bone in his wrist in late July, and did not return to the lineup until mid-September. The team went 26-22 in his absence.

ANSWER: **Aaron Judge**

12. Answer some “tough” questions about barrels in history. For 10 points each...

(10) *This* Greek philosopher and Cynic supposedly lived in a barrel on an Athens street, although it may have been a large ceramic jar instead. This man famously called humans, “featherless bipeds.”

ANSWER: **Diogenes of Sinope** {said: DYE-ODGE-UH-NEEZ}

(10) A \$25,000 fine is the punishment if you decide to go “over” *this* landform in a barrel, which was first done successfully in 1901 by Annie Edson Taylor.

ANSWER: **Niagara Falls**

(10) Taking barrels of alcohol and dumping them into sewers was a common sight during *this* period of American history when the 18th Amendment was in effect.

ANSWER: **Prohibition**



**13.** Answer some questions about the “Eurogeul” {said: YURR-O-WHELL} or “Euro-Trench.” For 10 points each...

**(10)** The “Trench” connects the port of Rotterdam through *this* body of water that lies between the Netherlands and Scandinavia.

ANSWER: **North Sea**

**(10)** Without this “Trench,” ships with deep drafts would be unable to use the port at Rotterdam since the North Sea is too shallow. *This* method is used yearly to keep it operational.

ANSWER: **Dredging** (accept equivalents like “**digging up sand in the trench**”)

**(10)** From the North Sea, ships can travel north into the Atlantic Ocean or south into *this* body of water that separates the British Isles from the European mainland.

ANSWER: **English Channel**

**14.** These types of celestial bodies are in the direct orbit of a star, but have not “cleared the neighborhood” of other material around its orbit. For 10 points each...

**(10)** Name *these* objects, examples of which include Haumea {HAW-MAY-AH}, Makemake {MAH-KAY-MAH-KAY}, and Eris {AIR-USS}, all located in the outer Solar System.

ANSWER: **Dwarf planet** (prompt on partial answer)

**(10)** *This* “dwarf planet” lost its planetary status in 2006 to much controversy, since it follows an eccentric orbit that occasionally brings its closer to the sun than Neptune.

ANSWER: **Pluto**

**(10)** *This* dwarf planet is the only one located in the asteroid belt between Mars and Jupiter, and was discovered in 1801. It is the largest of the five known “dwarf planets.”

ANSWER: **Ceres** {said: SERIES}

**15.** Answer some questions about the five year captivity of Olive Oatman by the Yavapai {YAW-VAH-PIE} Indians the 1850’s. For 10 points each...

**(10)** The Oatman family was a part of *this* religious group which left cities in the East for Utah in the early 1850’s.

ANSWER: **Mormons** (accept “**Church of Jesus Christ of Latter-Day Saints**” or “**LDS**”)

**(10)** The Oatmans had decided to travel to *this* state instead of Utah, intending to settle along the Colorado River near a namesake Gulf that leads to the Pacific Ocean.

ANSWER: **California**

**(10)** Olive and her brother Lorenzo were the only survivors of the Yavapai massacre of their family which took place east of the town of Yuma in *this* state, which was a territory until 1912.

ANSWER: **Arizona**

**16.** This painter had a contentious relationship with Vincent Van Gogh, and was supposedly present the day Van Gogh’s ear was cut off. For 10 points each...

**(10)** Name this French Post-Impressionist painter who is considered a forerunner of Symbolism and Primitivism.

ANSWER: **Paul Gauguin** {said: GO-GAWN}

**(10)** Gauguin spent the final months of his life on *this* South Pacific island, where he painted numerous works, many involving native women on the beaches.

ANSWER: **Tahiti** (accept “**The Marquesas**”)

**(10)** Gauguin’s Primitivist works inspired *this* painter’s Cubist work *Les Femmes d’Alger* {said: LAY-DEM-WAH-ZELL--DAH-VIN-YON}.

ANSWER: **Pablo Picasso**

17. This author's short story collections include "Flappers and Philosophers," and "Tales of the Jazz Age." For 10 points each...

(10) Name this Roaring Twenties author who wrote only five novels, including *This Side of Paradise*, *Tender is the Night*, and the unfinished *The Last Tycoon*.

ANSWER: **F. Scott Fitzgerald** (accept full name of "Francis Scott Key Fitzgerald")

(10) Fitzgerald's most famous novel describes the title bootlegger's love and obsession for Daisy Buchanan. The story is narrated by Nick Carraway, a cousin of Daisy's and friend to the protagonist.

ANSWER: ***The Great Gatsby***

(10) The collection "Tales of the Jazz Age" contains a story about *this* man, who is born "old" in a Baltimore hospital and appears "younger" as his numerical age increases.

ANSWER: **Benjamin Button** (accept title of "***The Curious Case of Benjamin Button***"; the film version is set in New Orleans, not Baltimore)

18. If you leave Sydney, Australia and head southeast, you will encounter this island group. For 10 points each...

(10) Name this island nation, which consists of a North and South Island and around 600 smaller islands.

ANSWER: **New Zealand**

(10) North Island contains the capital, Wellington, and *this* largest city, which has a harbor located on either side of its central city region.

ANSWER: **Auckland**

(10) The North and South Islands are separated by a 14 mile wide strait named for *this* English explorer who also named Hawaii, the "Sandwich Islands," and died there on a beach in 1770.

ANSWER: **James Cook**

19. The typical human eye responds to wavelengths between 390 and 700 nanometers. For 10 points each...

(10) Name this entity that is visible to the human eye.

ANSWER: **Visible light spectrum** (accept "**electromagnetic spectrum**"; prompt on partial answer)

(10) The color of the light spectrum that has the longest wavelength is *this* color, at roughly 650 nanometers.

ANSWER: **Red**

(10) Description acceptable. The light spectrum explains *this* reason why the sky appears blue to the human eye.

ANSWER: **Clean air scatters blue light more than red** (accept obvious equivalents, and be generous with explanations)

20. The U.S. Ambassador to *this* European nation, James Melville, resigned in protest of President Trump's policies in July, 2018. For 10 points each...

(10) Name this Baltic State, which has its capital at Tallinn.

ANSWER: **Estonia**

(10) Estonia was a part of *this* entity from 1940 until 1991, when it broke apart at the end of the Cold War.

ANSWER: **Union of Soviet Socialist Republics (USSR)**

(10) Two other Baltic States are located north and east of Estonia. Name EITHER one.

ANSWER: **Lithuania OR Latvia**