

Round 3

Regulation Tossups

(1) This novel's protagonist is friends with Karkov, a *Pravda* journalist. After being mistakenly arrested, characters in this novel fail to bring a critical message to Golz in time. This novel's protagonist joins forces with a gang led by El Sordo, and Pablo throws detonators down a gorge at the end of this novel, forcing guerrillas to blow up a bridge manually. For the point, name this novel that follows Robert Jordan in the Spanish Civil War, written by Ernest Hemingway.

ANSWER: ***For Whom the Bell Tolls***

(2) For silicon semiconductors in integrated circuits, this element is the most commonly used p-doping agent. This element's trioxide is combined with silicon for use in the heatproof glass produced by Pyrex. In violation of the octet rule, this element can form bonds with only six valence electrons. This element is the lightest to have an electron in a p-orbital in its ground state. For the point, name this metalloid element, whose atomic number is five.

ANSWER: **Boron** (accept **B**; accept **Boron** trioxide)

(3) This program was outlined in a speech which suggested that "courage...compassion and...desire" were necessary components to building this program. Stewart Udall oversaw environmental laws in this program like the Clean Air Act. This program helped its creator win 61 percent of the popular vote, and the Economic Opportunity Act was part of this program's "War on Poverty." Medicare and Medicaid were major provisions of, for the point, what domestic reform program of President Lyndon Johnson?

ANSWER: The **Great Society**

(4) This style is exemplified by Ephraim Francis Baldwin's Baltimore and Ohio Railroad Stations. This style is characterized by imposing gables and ornamental designs. The Shingle style marked a break from the Eastlake style and this Victorian-era style, which is sometimes confused with one prevalent in England during the early 1700s. For the point, name this architectural style named for a British queen.

ANSWER: **Queen Anne** style (prompt on "Victorian" before mentioned)

(5) The author of *The Mystery of Being*, Gabriel Marcel, was a thinker of the "Christian" branch of this philosophy, whose most famous adherent fought with *The Corsair* and authored several books of "Upbuilding Discourses". Another thinker in this school of philosophy outlined the concept of "the Gaze" of the Other in one book, and asserted that "existence precedes essence." For the point, name this broad school of philosophy, whose thinkers included Soren Kierkegaard and the author of *Being and Nothingness*, Jean-Paul Sartre [[SART]].

ANSWER: **Existentialism** (accept **Existentialist(s)**; prompt on "Ontology")

(6) While trying to cross the ocean, this figure threatened Varuna with flaming weapons. With his younger brother, this figure asks the dying vulture Jatayu about the location of his wife. That wife of this figure was kidnapped in a flying chariot after being distracted by a golden deer. With the aid of Lakshmana and Hanuman [[HAH-noo-mahn]], this figure defeats the forces of Lanka under the demon king Ravana. For the point, name this avatar of Vishnu, who rescues his wife, Sita, in a namesake Hindu epic.

ANSWER: **Rama** (accept **Ramachandra**; prompt on "Ramayana"; prompt on "Vishnu" until mentioned)

(7) The *Volpini Suite* depicts this man's travels to Brittany, Martinique, and Arles. In a travelogue titled *Noa Noa*, this man said he took a young native girl named Teha'amana as his wife. This man was known for using the Synthetist style of art and for promoting primitivism. For the point, name this French painter of *Where Do We Come From? What Are We? Where Are We Going?* who spent a decade in French Polynesia.

ANSWER: Paul **Gauguin** [[go-GAHN]]

(8) This entity was established under the pseudonym Satoshi Nakamoto, a person, or possibly a group of people, who also developed a ledger that linked blocks containing hashes together using cryptography. In June 2021, El Salvador became the first country to approve this entity as legal currency. For the point, name this rival of Monero and Ether, a cryptocurrency manipulated by "miners."

ANSWER: **Bitcoin** (accept **BTC**)

(9) This work's main speaker refutes fear of death by stating that death either leads to eternal life or an eternal sleep. That figure in this work compares himself to a gadfly after hearing the accusations of Miletus [{"my"}-LEE-tuss]]. This work's third section begins with a man being sentenced to death by drinking hemlock for alleged atheism and corrupting the youth of Athens. For the point, name this Platonic dialogue that depicts the trial of Socrates.

ANSWER: **Apology** of Socrates (or **Apología** *Sokráτους*; accept *The Apology*)

(10) Belisarius's use of cataphracts proved vital at breaking this kingdom's forces at battles including Ad Decimum and Tricamerum [{"try"-KAM-er-um}], leading to the abdication of Gelimor [[GEH-lih-mer]]. While at war with Emperor Petronius Maximus, Gaiseric [[GAY-ser-ik]] led these people in a 455 AD sacking of Rome. For the point, name this Germanic people who occupied Roman Africa and became synonymous with a person who destroys someone's property.

ANSWER: **Vandals**

(11) Voltages are stepped up in a transformer by leveraging this phenomenon through coiled wire. The direction of fields produced by this phenomenon is given by Lenz's Law. Circuit components named for this phenomenon have their strength measured in Henrys. The total electromotive force is related to magnetic flux by Faraday's Law of this phenomenon. For the point, name this phenomenon in which a voltage is produced by a change in the surrounding magnetic field.

ANSWER: Electromagnetic **induction** (or Magnetic **induction**)

(12) This term dates back to the early 17th century and is derived from Greek roots meaning "direction" and "again." The date of President Biden's inauguration, January 20, 2021, is an example of this term, one of 22 such examples in 2021. The phrase "never odd or even" is a non-numeric example of this term. Prime examples of this term include the numbers 757 and 929. For the point, what is this term for things that can be read the same both backwards and forwards?

ANSWER: **Palindromes** (accept **Palindromic**; prompt on descriptive answers regarding being read both backward and forward)

(13) The main character of this novel is called "Handel" by his roommate, Herbert Pocket, in allusion to Handel's piece *Harmonious Blacksmith*. A clerk named John Wemmick stresses the importance of "portable property" to this novel's protagonist. A young man in this novel finds out that his benefactor is Abel Magwitch, a convict to whom he fed food a decade prior after meeting him at his parents' gravesite. Estella is the love of Pip in, for the point, what novel by Charles Dickens?

ANSWER: **Great Expectations**

(14) This city avoided the fate of Henricus when Chanco warned Richard Pace of an attack. Samuel Argall found a faster route to this city and led one of its critical supply missions. This city burned down during Bacon's Rebellion and resorted to cannibalism in the "Starving Time." John Rolfe secured peace between this city and the Powhatan Confederacy with his marriage to Pocahontas. For the point, name this first permanent English settlement in America.

ANSWER: **Jamestown**

(15) Discovered accidentally in 1965, this phenomenon formed during the recombination era and originated from the surface of last scattering. This feature was briefly mistaken for interference caused by pigeon droppings on the Bell Labs's Horn Antenna by Arno Penzias and Robert Wilson. This nearly perfectly isotropic feature has been calculated to have a temperature of 2.72 Kelvin. For the point, name this diffuse, pervasive radiation found throughout the universe, the remains of the Big Bang.

ANSWER: **Cosmic microwave background** radiation (or **CMBR**; prompt on partial answers)

(16) This man had Michael Servetus executed for heresy. Total depravity and unconditional election are two of the "Five Points" of this man's theology represented by the mnemonic "TULIP." According to Max Weber [[VEH-buh]], this man's namesake theology was the driving force behind the "Protestant Work Ethic." This man established a theocracy in the Swiss city of Geneva. For the point, name this Protestant leader, the author of *Institutes of the Christian Religion*.

ANSWER: John **Calvin** (or Jehun **Cauvin**; accept **Calvinism**)

(17) This country contains the Ukambani region, the ancestral homeland of the Kamba people. This country is home to the majority of the world's Kikuyu people, and with Tanzania, this country contains the homeland of the Maasai people. This country, whose main port city is Mombasa, shares its name with the second-highest mountain in Africa. For the point, name this East African country whose capital is Nairobi.

ANSWER: Republic of **Kenya** (or Jamhuri ya **Kenya**)

(18) The title character of one of this man's works falls in love with Yelena, as does Dr. Astrov. This man's last work takes place in the estate of Madam Lyubov Ranevskaya [[LYOO-boff rah-nev-"SKY"-ah]], who tearfully leaves her house as the title location gets cut down. For the point, name this Russian playwright and author of *The Cherry Orchard* and *Uncle Vanya*.

ANSWER: Anton **Chekhov**

(19) The guiding principles of these people were laid out in a book whose title translates to "Hidden by the Leaves." *The Book of the Five Rings* was another such work which included the principles of these people and was written by Miyamoto Musashi. Yasuke [[yah-SOO-keh]] was a foreigner who became one of these people, some of whom served no master and were known as "ronin." For the point, name this warrior class of feudal Japan who practiced *bushido* and carried katana blades.

ANSWER: **Samurai**

(20) This structure is traversed seven times by G protein-coupled receptors. Carrier proteins are used for active transport across this structure which is composed of many hydrophilic heads and hydrophobic tails, as described by the fluid mosaic model. This organelle is selectively permeable, due in part to its phospholipid [[foss-foh-LIH-pid]] bilayer. In plant cells, this structure is enclosed by the cell wall. For the point, name this organelle that encloses animal cells.

ANSWER: Cell **membrane** (accept Plasma **membrane**)

(21) This man's rival, Camille Saint-Saens [[sahn-SAWHN]], harshly criticized his work *En blanc et noir* [[OHN BLAHNK AY NWAHR]]. One of this man's works is divided into three movements called "Clouds," "Festivals," and "Sirens" and is titled *Nocturnes*. Other noted works by this man include *Children's Corner* and *Deux arabesques* [[DOOH ar-ah-BESK]]. For the point, name this French impressionist composer of *Clair de lune*.

ANSWER: Claude **Debussy**

(22) Medieval alchemists drew on texts allegedly written by a Thrice Great form of this deity which was syncretized with Thoth. As an infant, this god stole Apollo's cattle and repaid him by crafting the first lyre. This god's major icon is a staff entwined by two serpents called the Caduceus [[kah-DOO-suss]]. The son of the Pleiad Maia and Zeus, for the point, who is this Greek messenger god known for his winged sandals?

ANSWER: **Hermes** (accept **Mercury** before "Zeus"; accept **Hermes** Trismegistus)

(23) One character of this ethnicity is named Gogol after his father survived a train accident while holding a copy of "The Overcoat." That character of this ethnicity is the protagonist of *The Namesake*. A family of this ethnicity is depicted in "The Interpreter of Maladies." For the point, name this American ethnic group, which is commonly depicted in the novels of Jhumpa Lahiri.

ANSWER: **Indian**-Americans (accept **South Asian**-Americans; prompt on "Asian" Americans)

(24) This ruler's mother is known by the name "The Younger Lady." Advisers to this ruler included Ay [[EYE]] and the general Horemheb [[hor-EM-heb]]. The Amarna Period came to an end during this ruler's reign, and an expedition to discover this ruler's resting place was funded by Lord Carnarvon. This ruler reversed the monotheistic reforms of his father, Akhenaten, and his tomb was discovered by a team led by Howard Carter. For the point, name this "boy king," a pharaoh of Egypt.

ANSWER: **Tut**ankhamun (accept King **Tut**)

(25) This condition is divided into ischemic and hemorrhagic varieties based on whether they are caused by blood flow obstruction or internal bleeding. The steps for recognizing and responding to this condition can be remembered with the mnemonic FAST. Individuals at high risk of suffering from this condition are often given a daily aspirin regimen. For the point, name this condition in which part of the brain is deprived of blood and oxygen.

ANSWER: **Stroke** (accept **Apoplexy**, Ischemic **stroke**, or Hemorrhagic **stroke**)

(26) This city's airport celebrates "Conspiracy Month" in honor of theories that allege the airport is hiding aliens in an underground bunker. This city includes the intersection of Interstate 25 and Interstate 70, known locally as "The Mousetrap." This city was founded at the confluence of the South Platte River and Cherry Creek. For the point, name this "Mile High City," the capital and largest city of Colorado.

ANSWER: **Denver**

(27) Setting "r" equal to a constant in polar coordinates plots this shape. Brahmagupta's [[brah-mah-GOOP-tahs]] theorem can be used to find the area of a quadrilateral if its vertices fit on this shape. This shape is a simple closed curve and divides a plane into interior and exterior regions. For the point, name this shape in which every point is equidistant from its center.

ANSWER: **Circle**

(28) A participant in this event was the first woman to be executed by the U.S. government. At the same time as this event, George Atzerodt got drunk and forgot to return to the Kirkwood House. Henry Rathbone was stabbed by the perpetrator of this event, who was himself later shot by Boston Corbett. Occurring during a performance of *Our American Cousin* at Ford's Theater, for the point, what is this event in which John Wilkes Booth murdered the 16th president?

ANSWER: **Assassination** of Abraham **Lincoln** (accept synonyms for **Assassination** including **Murder**, **Shooting**, **Killing** etc.)

(29) Deposits called tuff rings are created on these entities after interaction with groundwater. The Shatsky Rise contains Tamu, which may be the largest example of these things on Earth. These things can produce scoria and other types of tephra. These things produce a substance that comes in 'a'a[[AH-AH]] and pahoehoe [[pah-HOH-eh-HOH-eh]] forms. Most active examples of these entities are located in the Ring of Fire. For the point, name these geological features that erupt and spew lava.

ANSWER: **Volcanoes**

(30) The family of this novel's title character falls into poverty when Mr. Fickelgruber and Mr. Prodnose send spies to steal trade secrets from the title location. In this novel, Mike Teavee and Violet Beauregarde are taunted for their personal failings after they find golden tickets that win them a tour of a facility run by Oompa-Loompas. For the point, name this novel by Roald Dahl in which five children unknowingly compete for Willy Wonka's job.

ANSWER: ***Charlie and the Chocolate Factory*** (do not accept or prompt on "Willy Wonka and the Chocolate Factory")

Extra Questions

(1) This philosopher distinguished between the use value and exchange value in a book defending historical materialism. This philosopher outlined six stages of human development with the penultimate stage being capitalism. This philosopher's most important solo work is his *Das Kapital*. Varieties of this man's namesake philosophy include Maoism, Stalinism, and Leninism. For the point, name this German philosopher, who collaborated with Friedrich Engels on *The Communist Manifesto*.

ANSWER: Karl **Marx**