

Round 3

First Half

1. **This mythological figure is the namesake for a sea found north of Crete, which he is said to have drowned in. This figure was the son of Daedalus, with whom he attempted to escape from Crete with (*) wings constructed from feathers and wax.** For 10 points, name this Greek mythological figure, known for falling into the sea when he flew too close to the sun.

ANSWER: Icarus

Bonus 1. The “Eye” of this god is a symbol of protection. For 10 points each,

[10] Name this Egyptian god often depicted as a falcon or a man with a falcon head.

ANSWER: Horus

[10] Horus is the son of this god, the husband of Isis and god of the afterlife.

ANSWER: Osiris

[10] Osiris was killed by this god of the desert who was defeated by Horus in a boat race.

ANSWER: Set

2. **The second entry written by the protagonist of this book is dated March 4 and details his experience taking a Rorschach test. The entries near the start and end of this 1966 novel are full of spelling, punctuation, and grammatical (*) errors, reflecting the protagonist’s current mental state.** For 10 points, name this novel by Daniel Keyes in which Charlie Gordon and a mouse undergo an experimental surgery to increase their intelligence.

ANSWER: *Flowers for Algernon*

Bonus 2. This man was born in a year when Halley’s Comet was visible and died in a year when Halley’s Comet was visible. For 10 points each:

[10] Name this American humorist and satirist who wrote *The Adventures of Huckleberry Finn*.

ANSWER: Mark Twain [accept Samuel Langhorne Clemens]

[10] Huckleberry Finn first appeared as the best friend of the titular character in this 1876 Twain novel.

ANSWER: *The Adventures of Tom Sawyer*

[10] A famous scene from *The Adventures of Tom Sawyer* details Tom performing this action as punishment for dirtying his clothes.

ANSWER: whitewashing a fence [accept answers that mention painting a fence white or anything similar; prompt on partial answers]

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3. **Tlaloc was the god of rain for these people. These people's god of war and the sun was often depicted as a hummingbird. A primary god of these people was a feathered serpent whom these people confused with (*) Hernan Cortes upon his arrival at Tenochtitlan.** For 10 points, name this ancient Mesoamerican civilization whose chief god was Quetzalcoatl.

ANSWER: Aztecs

Bonus 3. This city was founded by the Phoenicians in present-day Tunisia. For 10 points each, [10] Name this North African city ruled by Queen Dido in myth and by the Barca family in the 3rd century BC.

ANSWER: Carthage

[10] Carthage fought three Punic Wars against which Mediterranean power to its north based in Italy?

ANSWER: Rome or Roman Republic (do not accept Roman Empire)

[10] A Roman senator with which four letter name famously ended all of his speeches with the command that Carthage must be destroyed?

ANSWER: Cato the Elder

4. **Pope Clement VII hailed from this family as did Pope Leo X, who clashed with Martin Luther at the beginning of the Reformation. Together with their rivals, the Sforzas and the (*) Borgias, this family patronized many artists who painted on religious themes during the Renaissance.** For 10 points, name this family whose members were attacked in the cathedral of Florence during the Pazzi Conspiracy.

ANSWER: Medici

Bonus 4. This religion was founded by Laozi and emphasized being one with nature. For 10 points each:

[10] Name this Chinese religion which advocates *wu wei*, or non-action, and is contrasted with the more rigid Confucian beliefs.

ANSWER: Daoism [accept Taoism]

[10] A key symbol in Taoism is the Taijitu which depicts these two concepts. These two concepts represent duality such as man and women and white and black.

ANSWER: yin and yang

[10] Daoism is closely linked with this practice meant to create maximum harmony. This practice is often used when designing buildings or determining item placement within a room.

ANSWER: Feng shui

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5. **This pale blue gas is an allotrope of a pure element. At ground level, it is a pollutant and a component of photochemical smog, but in the stratosphere its presence is (*) important for the existence of life on Earth. For 10 points, what form of oxygen with chemical symbol O_3 (say O Three) has had its namesake layer in the atmosphere damaged by chlorofluorocarbons?**

ANSWER: **Ozone** (prompt on “oxygen” before it is read)

Bonus 5. For 10 points each, answer the following about continental drift:

[10] This leading theory to explain continental drift states that the Earth's crust is made of huge sections that move at speeds of up to 100 millimeters per year.

ANSWER: **Plate tectonics**

[10] At these convergent regions, one tectonic plate sinks below another. Volcanic arcs can be found in this region.

ANSWER: **Subduction** zones

[10] Plate tectonics is believed to be driven by convection currents in this middle layer of the Earth located between the outer core and the crust.

ANSWER: **Mantle**

6. **In response to King George I requesting a concert on the Thames, this composer wrote *Water Music*. This composer of *Music for the Royal Fireworks* also wrote an oratorio that includes the line "and he shall reign (*) forever and ever." For 10 points, name this German-English composer of *The Messiah*, who included that line in the Hallelujah Chorus.**

ANSWER: George Frideric **Handel**

Bonus 6. For 10 points each, answer these questions about works of classical music that were associated with significant political events and developments.

[10] Name this form of political ideology that became prominent in the music of 19th Century composers, such as with Chopin's *Revolutionary Etude* after the November Uprising in Poland as well as Sibelius' *Finlandia*.

ANSWER: **Nationalism**

[10] Tchaikovsky composed a famous overture to commemorate a victory in this year, in which Napoleon's army was decisively defeated in an invasion attempt.

ANSWER: **1812 Overture**

[10] The *1812 Overture* commemorates a victorious campaign for this country, which defeated that Napoleonic invasion.

ANSWER: **Russia**

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7. Samuel Worcester was an outspoken opponent of this event, and he challenged its constitutionality in *Worcester v. Georgia*. Andrew Jackson went against the Supreme Court's ruling against this event by reportedly saying, "John Marshall has made his decision; now let him enforce it." The (*) Cherokee were relocated to territories in present-day Oklahoma in, for 10 points, what event started by the Indian Removal Act in 1830?

ANSWER: Trail of Tears (prompt on Indian Removal or equivalent before mention)

Bonus 7. For 10 points each, answer the following about milestones in the Space Race:

[10] In 1962, on the Friendship 7 mission, this man became the first American to orbit the Earth. He later became a US Senator from Ohio and died in 2016.

ANSWER: John Glenn

[10] Before John Glenn, Yuri Gagarin and Gherman Titov, two cosmonauts from this country, had already successfully orbited the Earth on Vostok 1 and Vostok 2. This former country was the main rival of the United States during the Space Race.

ANSWER: Soviet Union or USSR (do not accept or prompt on Russia)

[10] Alan Shepherd became the first extraterrestrial participant in this sport when he swung one of its clubs on the moon. The balls he hit traveled relatively far due to the low gravity.

ANSWER: Golf

8. One character in this novel reads a label on a can of insecticide and proclaims, "We don't want no pants rabbits." That character shoots his (*) rabbit-loving companion in the conclusion of this 1937 novel, after the latter kills Curley's wife. For ten points, name this John Steinbeck novella about George and Lennie during the Great Depression.

ANSWER: Of Mice and Men

Bonus 8. For 10 points each, answer these questions on the writer John Milton.

[10] Name Milton's most famous work, a poetic epic written in blank verse on biblical themes.

ANSWER: Paradise Lost

[10] Milton wrote in the 17th century in this country, which later formed a union with Scotland

ANSWER: England (do not accept any other answers)

[10] Milton also wrote works in support of this man's regime, who became known as the Lord Protector of the Commonwealth of England.

ANSWER: Oliver Cromwell

Halftime

Lightning Rounds

1. Parts of a Flower
2. Richard Nixon
3. A Novel by Charlotte Bronte

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Parts of a Flower

Name the...

(1) Brightly colored leaves that help attract bees to a flower.

ANSWER: **petals**

(2) Powdery substance spread by bees and other animals that helps flowers reproduce.

ANSWER: **pollen**

(3) Small, green leaves that protect the flower before it opens and are found near the brightly colored leaves.

ANSWER: **sepals**

(4) Male part of the flower, made up of the anther and filament.

ANSWER: **stamen**

(5) Female part of the flower, commonly in the center, that includes the ovary and style.

ANSWER: **pistil**

(6) Term for the ovary once it has been fertilized and ripens. Berries, tomatoes, and even cucumbers are technically called by this term.

ANSWER: **fruit**

Richard Nixon

Name the...

(1) State where he ran for Governor in 1962, but lost and thus did not move to Sacramento.

ANSWER: **California**

(2) Scandal where five men broke into the Democratic National Committee's headquarters, leading to his resignation.

ANSWER: **Watergate** scandal

(3) President who succeeded him, then granted him a pardon.

ANSWER: Gerald Rudolph **Ford** Jr. (accept Leslie Lynch **King** Jr.)

(4) Politician under whom Nixon served as Vice President.

ANSWER: Dwight D. **Eisenhower**

(5) 1952 speech he gave defending campaign contributions, commonly named for his dog.

ANSWER: **Checkers** speech (accept **Fund** speech)

(6) Maryland politician, his first vice-president, who resigned amidst a different scandal.

ANSWER: Spiro Theodore "Ted" **Agnew**

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A Novel by Charlotte Bronte

In one of the few novels by Charlotte Bronte, a young orphaned woman becomes a governess at Thornfield Hall and eventually marries its owner. In that novel, who or what is the...

(1) Title character?

ANSWER: Jane Eyre (accept either underlined name)

(2) Dark and brooding owner of Thornfield Hall, who marries the title woman after the death of his mad wife?

ANSWER: Edward Fairfax Rochester (accept either underlined name)

(3) Disaster that destroys Thornfield Hall and blinds its owner?

ANSWER: fire

(4) Madwoman who dies while destroying Thornfield Hall?

ANSWER: Bertha Antoinetta Mason (accept either underlined name)

(5) Drunken woman who cares for the madwoman who destroys Thornfield Hall?

ANSWER: Grace Poole (accept either underlined name)

(6) Pious woman who dies of consumption after befriending the protagonist at Lowood School?

ANSWER: Helen Burns (accept either underlined name)

Second Half

9. This leader ceded the Sudetenland to Germany at Munich, claiming afterwards he had secured “peace for our time.” As prime minister, this man also presided over a “phoney war,” but he is most famous for his policy of (*) appeasement. For 10 points, what unsuccessful Prime Minister of the United Kingdom was succeeded by Winston Churchill?

ANSWER: Arthur Neville Chamberlain

Bonus 9. This man lost his right arm during an attempt to conquer Tenerife. For 10 points each, [10] Name this British admiral who won the Battle of Copenhagen and used *HMS Victory* as his flagship

ANSWER: Horatio Nelson

[10] Nelson won this great 1805 victory against a combined Franco-Spanish fleet under Pierre Villeneuve.

ANSWER: Battle of Trafalgar

[10] Villeneuve had earlier faced Nelson at this naval battle named after a river in North Africa.

ANSWER: Battle of the Nile

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10. **One of these organs contains about one million nephrons in humans. These organs connect to the ureters and (*) dialysis is a medical process designed to take over the function of these organs. For 10 points, what commonly-transplanted, bean-shaped organ filters blood?**

ANSWER: **Kidney**

For 10 points each, answer the following about radioactive decay:

[10] This is the time required for 50% of a radioactive sample to decay. Its value for carbon-14 is approximately 5,730 years.

ANSWER: **Half-life**

[10] Carbon-14 becomes nitrogen-14 through this type of radioactive decay. In this type of decay, an atomic nucleus emits a positron or an electron.

ANSWER: **Beta decay**

[10] This radioactive element's 239 isotope undergoes alpha decay to become uranium-235. It is common used in nuclear weapons and nuclear power plants.

ANSWER: **Plutonium**

11. **As a result of this agreement, France pledged to ban all petrol and diesel vehicles by 2040. After this agreement went into effect in Nicaragua and Syria in late 2017, the United States became the (*) only country opposed to this agreement. For 10 points, name this agreement signed in 2015 in France that aims to keep global temperature increases below 2 degrees Celsius.**

ANSWER: **Paris** Agreement (accept Paris Climate Accords or other equivalents)

Bonus 11. Sometimes countries want to hang out with their friends. For 10 points each:

[10] This body headquartered in New York City is the largest intergovernmental organization in the world. Its 193 member states each have a seat in the General Assembly, while some are selected as members of its Security Council.

ANSWER: **United Nations**

[10] In 2016, the United Kingdom voted to leave this organization. Many of this body's 28 member states share a common currency, which was negatively affected by economic downturns in Greece and Spain.

ANSWER: **European Union**

[10] This 29-nation military alliance of European and North American countries was opposed to the Warsaw Pact for much of the Cold War. Its operations have included backing the American invasion of Afghanistan and intervention in the Libyan Civil War.

ANSWER: **North Atlantic Treaty Organization**

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12. **This principle was discovered by Antoine Lavoisier after performing chemical reactions in a sealed container. H_2 in the balanced equation for the synthesis of H_2O has a coefficient of (*) 2 to satisfy this principle.** For 10 points, name this law which states that matter cannot be created or destroyed in chemical reactions.

ANSWER: law of **conservation of mass** [or principle of **mass conservation**]

Bonus 12. For 10 points each, answer the following questions about keratin.

[10] Keratin, which is found in eagle talons and human hair, is this type of substance made up of amino acids.

ANSWER: **Protein**

[10] Keratin is also present in the horns of these ungulates. The northern white variety is about to go extinct; as of 2017, all three still remaining were protected round-the-clock by armed guards.

ANSWER: **Rhinoceros** (accept **Rhino**)

[10] Baleen, a structure found in certain types of this mammal, is also made of keratin. These animals use baleen to catch krill and other small animals.

ANSWER: **Whales**

13. **Jan Breughel the Elder painted a work depicting this place, entitled “*This place and the Fall of Man*”. A painting of an expulsion from this (*) place can be found in the Sistine Chapel, painted by Michelangelo.** For 10 points, name this place where Eve eats the forbidden fruit from the Tree of Knowledge of Good and Evil.

ANSWER: Garden of **Eden** (or **Paradise**)

Bonus 13. For 10 points each, answer the following about painters who depicted people eating food:

[10] This artist's *The Potato Eaters* depicts five poor Dutch peasants enjoying the title food. However, he is more famous for a painting of a swirling sky known as *Starry Night*.

ANSWER: Vincent **van Gogh**

[10] Eduard Manet, an artist from this country, painted *Luncheon on the Grass*, which generated significant controversy for showing two fully-clothed men having a picnic with a naked woman.

ANSWER: **France**

[10] This artist painted a family at Thanksgiving dinner in his *Freedom From Want*, which was inspired by Franklin D. Roosevelt's Four Freedoms speech. Like many of this man's most famous paintings, it was reproduced in the *Saturday Evening Post*.

ANSWER: Norman **Rockwell**

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14. **The north of this island was home to an American air base during the Cold War near Disko Bay at Thule. As the medieval warm period ended, this island's settlements by Norse colonists were (*) abandoned, though it today is still controlled by Denmark. For 10 points, name this island in the North Atlantic, the world's largest, whose melting ice cap threatens to raise sea levels.**

ANSWER: Greenland

Bonus 14. Answer the following about the geography of Chile for ten points each.

[10] Chile once fought in a war named for this ocean, on which its coastline stretches for thousands of miles.

ANSWER: Pacific Ocean (accept War of the Pacific)

[10] Chile's capital shares its name with cities in Cuba and Spain. Give this common name which derives from the Spanish for Saint James.

ANSWER: Santiago

[10] Chile is rich in mineral wealth, especially copper, which is mined in this desert in Northern Chile. It is considered the world's driest.

ANSWER: Atacama Desert

15. **The diagonals of a rhombus, but not a rectangle, have this property. The Prime Meridian and equator have this property, as do each pair of adjacent sides of a (*) rectangle. For 10 points, name this mathematical property held by lines that meet at right angles.**

ANSWER: perpendicular (accept orthogonal; prompt on descriptions of "meeting at right angles" before mentioned at the end)

Bonus 15. The number e raised to the power of this number times the imaginary number i is equal to negative one. For 10 points each,

[10] Name this irrational number, the ratio of a circle's circumference to the length of the diameter. It is approximately equal to 3.14.

ANSWER: pi

[10] [Note to moderator: The first sentence here is best read tongue-in-cheek.] Some mathematicians approximate pi as 3.14, and most engineers say it is exactly 3. Another popular approximation for pi, used by ancient mathematicians, is the fraction 22 over this prime number.

ANSWER: 7

[10] While you may have thought you only needed to know that pi is about 22 divided by 7, or about 3.14, we can do better than that! After 3.14, what are the next three digits of pi?

ANSWER: 3.14159

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16. In this novel, reservations such as one named Malpais are used to house “savages” away from the civilised world. Inhabitants in this novel’s world worship Henry Ford by making the “sign of the T” and consume a (*) drug called “soma”. For 10 points, name this dystopian novel written by Aldous Huxley.

ANSWER: Brave New World

Bonus 16. This novel opens with the death of Billy Bones. For 10 points each,

[10] Name this swashbuckling adventure novel in which Jim Hawkins joins Long John Silver and other pirates on a search for Captain Kidd's treasure.

ANSWER: Treasure Island

[10] This 19th century author wrote Treasure Island.

ANSWER: Robert Louis Stevenson

[10] Stevenson also wrote this novel, in which the title scientist takes a potion to split his personality and turns into the evil title alter-ego.

ANSWER: The Strange Case of Dr. Jekyll and Mr. Hyde

Tiebreaker / Backup

The kings of Rome negotiated with this god to determine the rules of sacrifice, and their standards depicted his symbol, the eagle. This god was the twin of (*) Juno as well as her husband, and he was also known as Jove. For 10 points, name this Roman counterpart of Zeus and namesake of the largest planet.

ANSWER: Jupiter (do not accept Zeus)