

Round 3

First Half

(1) This author's short stories "Indian Camp" and "The Killers" features his recurring character Nick Adams. The Iceberg Theory describes the writing style of this author, who wrote a novel about the bullfighter Pedro Romero and Jake Barnes after (*) World War I. The protagonist of another of his novels talks about Joe DiMaggio to Manolin, and catches a giant marlin. For ten points, name this American author who wrote *The Sun Also Rises* and *The Old Man and the Sea*.

ANSWER: Ernest Miller Hemingway

(1) When Matthew Maule is hanged in this novel, he claims that God will give Colonel Pyncheon "blood to drink." For ten points each,

Name this Nathaniel Hawthorne novel about the Pyncheon family, who are riddled with bad luck ever since the hanging, and live in the title ancestral home.

ANSWER: The House of the Seven Gables

This American author wrote *The House of the Seven Gables* and a short story about "Young Goodman Brown," who believes his wife, Faith, has become a witch.

ANSWER: Nathaniel Hawthorne

Goodman Brown is convinced that his vision of Faith at a witches' sabbath is real when he discovers her bonnet ribbon discarded on a tree branch. The ribbon is this girlish color, representing Faith's youth and innocence.

ANSWER: pink

(2) After the banishment of Vashti, this woman was married to Ahasuerus [ah-hah-sway-rus], and she foiled a plot that had been set for the month of Adar. This woman's uncle sat outside her palace in Susa to protest a genocide that had been ordered by (*) Haman, who had cast lots to decide when to exterminate the Jews in lands owned by this woman's husband, Xerxes. For ten points, name this Persian queen who, with her uncle Mordecai, is now celebrated at Purim because of her salvation of the Jewish people.

ANSWER: Esther (or Hadassah)

(2) This son of Dasharatha is exiled from Ayodhya for fourteen years due to the wishes of queen Kaikeyi. For ten points each,

Name this man who goes to Lanka to fight the demon king Ravana after Ravana kidnaps his wife Sita in an Indian epic named for him.

ANSWER: Rama

In the *Ramayana*, these creatures help Rama construct a bridge to Sri Lanka so he may fight Ravana. Rama is assisted by Hanuman, a god who takes the form of one of these long-tailed primates.

ANSWER: monkeys

Rama is the seventh avatar of this protector god of the Hindu Trimurti.

ANSWER: Vishnu

(3) **This country's National Party was led in the 1980s by P.W. Botha, who refused to speak to the Truth and Reconciliation Commission in 1998 and was charged with human rights violations. Botha's successor, F.W. (*) De Klerk, freed political prisoners from Robben Island and lifted the ban on the ANC political party, which was then led by Nelson Mandela.** For ten points, name this country where apartheid policies discriminated against blacks in cities like Cape Town and Johannesburg.

ANSWER: South Africa

(3) This man developed a grudge against Larsa after they declined to help conquer the Elamites. For ten points each,

Name this Mesopotamian king who applied *lex talionis* in a law code.

ANSWER: Hammurabi

Hammurabi was king of this Mesopotamian city.

ANSWER: Babylon

Babylon was legendarily the site of this wonder of the ancient world, a botanical site built by Nebuchadnezzar II for his homesick wife.

ANSWER: Hanging Gardens of Babylon (prompt on gardens)

(4) **Walter Baade's observations in this galaxy led to the classification of Population 1 and Population 2 stars, as well as two types of Cepheid variable stars. Abd al-Rahman described this non-nebula object as a "little cloud" a millennium before it was classified as M31 in (*) Messier's catalog.** This is the largest member of the Local Group. For ten points, name this spiral galaxy that is on a collision course with the Milky Way.

ANSWER: Andromeda Galaxy (accept Messier 31 before it is said)

(4) Vinegar and oil are immiscible, meaning they cannot permanently form this type of substance. For ten points each,

Name this object consisting of two or more substances that are physically, but not chemically, combined. These substances can be filtered to separate their components, as opposed to solutions, which must have chemical processes done to them to re-gain the initial components.

ANSWER: mixtures

When sand settles in a glass of water, two distinct phases are seen, making it this type of mixture.

ANSWER: heterogeneous mixture

Vinegar and oil don't mix, but you can shake a bottle of vinegar and oil to make this type of temporary mixture. These mixtures are a specific type of colloid, in which a liquid is dispersed within a liquid.

ANSWER: emulsions (prompt on suspension)

(5) **During this man's presidency, "Mad" Anthony Wayne defeated Indian forces at the Battle of Fallen Timbers. Great Britain evacuated their forts in the Great Lakes in a treaty that John Jay signed under this man's direction. Members of his cabinet included Attorney General (*) Edmund Randolph and Secretary of War Henry Knox. The Whiskey Rebellion occurred during his presidency. After retiring, he spent time at Mount Vernon with his wife Martha. For ten points, name this first president of the United States.**

ANSWER: George Washington

(5) Answer some questions about 1930s Germany for ten points each.

In 1933, this man became Chancellor of Germany. He became Fuhrer a year later and commanded Nazi Germany during World War II.

ANSWER: Adolf Hitler

This previous President of Germany died in 1934, triggering Hitler's ascension to total power. This World War I hero opposed Hitler's rise, and may be best known in America today as the namesake of a zeppelin that crashed in New Jersey in 1937.

ANSWER: Paul von Hindenburg

Prior to being made Chancellor, Hitler was imprisoned at Landsberg Prison, where he wrote this book with the help of Rudolph Hess.

ANSWER: Mein Kampf (or My Struggle)

(6) **In this novel, Svidrigailov shoots himself after he dreams of a flood and a five-year old in a hotel. This novel's protagonist is investigated by Porfiry Petrovich, and he compares himself to extraordinary men like (*) Napoleon Bonaparte to justify killing an old pawnbroker with an axe. For ten points, name this novel about the student Raskolnikov, who commits a murder and is sent to Siberia in this work by Fyodor Dostoevsky.**

ANSWER: Crime and Punishment (accept Prestupleniye i nakazaniye)

(6) This fictional country is located west of the Great Eastern Ocean and to the north of Archenland, and was created by Aslan. For ten points each,

Name this fictional country, once ruled by Prince Caspian, that titles a seven-book series by C.S. Lewis called its “Chronicles.”

ANSWER: Narnia (accept The Chronicles of Narnia)

Narnia was also ruled by Peter, Susan, Edmund, and Lucy, a group of siblings with this surname.

ANSWER: Pevensie

This classmate of Jill Pole and cousin of the Pevensies first appears in *The Voyage of the Dawn Treader*, in which he is turned into a dragon before being returned to human form by Aslan.

ANSWER: Eustace Scrubb (accept either name)

(7) **Logarithms with this number as their base are called common. Some ancients believed that the square root of this number was equal to pi, but in reality pi squared falls just short of this integer. Scientific (*) notation writes numbers as a product with a power of this number. Dividing by this number is equivalent to moving the decimal point one spot to the left. For ten points, give this number of possible digits in the decimal system.**

ANSWER: ten

(7) Multiplying a scalar by one of these mathematical objects involves multiplying that scalar by each value in this object’s various rows and columns. For ten points each,

Give this term for a rectangular array of numbers, usually written inside square brackets.

ANSWER: matrix

Two matrices can be added if they have the same number of rows and columns, but the rules are somewhat more confusing for using this other operation on two matrices. Indeed, there isn’t even a matrix definition of this operation’s inverse, division.

ANSWER: matrix multiplication

Matrix multiplication lacks this property, which arithmetic multiplication possesses. For example, if matrix A times matrix B equals matrix C , there’s no guarantee that B times A will even be allowed, while in arithmetic, this property guarantees that 12 times 3 equals 3 times 12, no worries.

ANSWER: commutative property (accept word forms like commutativity)

Sixty Second Rounds

The categories are . . .

1. Shakespeare Characters
2. Abraham Lincoln
3. Cell Organelles
4. Knights of the Round Table

SHAKESPEARE CHARACTERS

What character from the plays of William Shakespeare...

(1) ignores a prophecy telling him to “Beware the Ides of March,” and gets killed by Brutus?

ANSWER: Julius Caesar

(2) is the daughter of Polonius and love interest of Hamlet, who goes insane and dies?

ANSWER: Ophelia

(3) is the title “Moor of Venice” who kills his wife, Desdemona?

ANSWER: Othello

(4) is shown *The Murder of Gonzago* to get him to confess to killing Old Hamlet?

ANSWER: King Claudius

(5) conjures the title storm of *The Tempest*, but retires from magic at the play’s end?

ANSWER: Prospero

(6) is called a “Prince of Cats” by Mercutio, who dies at this character’s hand?

ANSWER: Tybalt

ABRAHAM LINCOLN

In the career of Abraham Lincoln, name the...

(1) American war that took place during his presidency.

ANSWER: Civil War

(2) Year in which he first took office as President, OR the year in which he was first elected President.

ANSWER: 1860 or 1861

(3) Assassin who shot him in Ford's Theater.

ANSWER: John Wilkes Booth

(4) Document issued on New Year's Day that freed some 3 million slaves.

ANSWER: Emancipation Proclamation

(5) Illinois Senator he debated seven times in an 1858 state-level campaign.

ANSWER: Stephen Douglas (accept Lincoln-Douglas Debates)

(6) Metaphor he used in an 1858 speech to describe how the "government cannot endure, permanently, half slave and half free."

ANSWER: A House Divided against itself cannot stand (accept any description that uses those two words; the rest of the quote need not be exact or given at all; prompt on "house")

CELL ORGANELLES

Name the organelle that...

(1) Contains the cell's DNA and the nucleolus.

ANSWER: nucleus

(2) Breaks down old cell matter in its highly acidic interior.

ANSWER: lysosome

(3) Comes in rough and smooth varieties.

ANSWER: endoplasmic reticulum (or ER)

(4) Manufactures proteins and is attached to the aforementioned "rough" organelle.

ANSWER: ribosomes

(5) Packages proteins and is named for its Italian discoverer.

ANSWER: Golgi body (or apparatus, complex, etc.)

(6) Is filled with water and stores waste.

ANSWER: (central) vacuole

KNIGHTS OF THE ROUND TABLE

Name the...

(1) King who led the Knights of the Round Table.

ANSWER: King Arthur

(2) Castle where the Round Table was installed.

ANSWER: Camelot

(3) Father of Sir Galahad whose adultery with Queen Guinevere destroys the kingdom.

ANSWER: Sir Lancelot

(4) Relic searched for by the Knights and found by Galahad that supposedly was used at the Last Supper.

ANSWER: Holy Grail

(5) Vacant seat at the table reserved for the finder of that relic and fatal to all others.

ANSWER: Siege Perilous (or the Perilous Seat, etc.)

(6) Half-brother of Mordred who duels a Green Knight in a Middle Ages romance.

ANSWER: Gawain

Second Half

(8) **In this musical, the female lead notes “my head’s too light to try to set it down.” Earlier in this work, that character wishes for “lots of chocolate for me to eat,” asking “Wouldn’t it be lovely?” This Lerner and Loewe musical adaptation of a Shaw play revolves around Colonel (*) Pickering’s bet with Henry Higgins. For ten points, name this adaptation of *Pygmalion* in which the Cockney speech habits of flower girl Eliza Doolittle are reformed.**

ANSWER: My Fair Lady

(8) Presidential instability and the rampaging Zika virus have left Brazil a nation in crisis – but they’re hosting the Olympics this year! Let’s ask about those instead, for ten points each.

This will be the last Olympics to feature what appropriately-named Jamaican sprinter, current holder of the 100-meter world record?

ANSWER: Usain (St. Leo) Bolt

Misty May-Treanor and Kerri Walsh won three straight medals in this sport, historically dominated by the United States and Brazil. This event will be contested at Copacabana.

ANSWER: beach volleyball (prompt on volleyball)

This Maryland native was called the “most dominant freestyle swimmer in the world, male or female” by *Swimming World* Magazine. This youngest American to take gold in London in 2012 may be favored to take home five gold medals in Rio.

ANSWER: Katie (Kathleen Genevieve) Ledecky

(9) **One mole of an n -carbon hydrocarbon completely combusts into n moles of this compound and other products. Calcium carbonate, or CaCO_3 , decomposes into calcium oxide and this gas. At standard pressure, this compound’s solid form undergoes (*) sublimation, rather than melting, and is therefore called “dry ice.” Like methane and water vapor, this compound is a prominent greenhouse gas. For ten points, name this gas whose molecular formula is CO_2 .**

ANSWER: carbon dioxide (or CO_2 before mentioned)

(9) This type of condition is named with the suffix -itis. For ten points each,

Name this medical condition caused by histamine release. It is characterized by heat, pain, redness, and swelling.

ANSWER: inflammation

Inflammation of this vestigial organ near the large intestine can cause serious illness, especially if it ruptures.

ANSWER: appendix (accept appendicitis)

When these two small lymphoid masses flanking the uvula become inflamed, they may be removed by an otolaryngologist.

ANSWER: tonsils

(10) **The Tanzimat reforms tried to save this empire, but it was dismantled in the Treaty of Sevres anyway. This empire organized a 1453 sacking of a city on the (*) Golden Horn, using a force of kidnapped Christian slaves known as Janissaries. Mehmed II led this empire's capture of Constantinople, which was later renamed Istanbul. For ten points, name this empire that was centered in modern Turkey.**

ANSWER: Ottoman Empire

(10) Answer some questions about World War II in Europe for ten points each.

Name this battle in the Ardennes forest, named for the shape of Allied lines. During this battle, Allied prisoners were massacred by the SS at Malmedy.

ANSWER: Battle of the Bulge

This June 6th, 1944 offensive involved an Allied landing on five beaches at Normandy.

ANSWER: D-Day (accept Operation Neptune; accept Operation Overlord)

The D-Day offensive was supported by this type of soldier, which made up the 101st Airborne division. They were placed behind the beaches and served as pathfinders for the ship-borne troops.

ANSWER: paratroopers (accept descriptions of soldiers who parachuted into combat; prompt on infantry)

(11) **In a section of this work, John is tricked into sleeping in a tub on a roof by Nicholas. Emily prays to avoid marriage, but inevitably marries Palamon after Arcite's death in this collection's story "The (*) Knight's Tale." A woman who has been married five times meets a group of other pilgrims at the Tabard Inn on the way to the shrine of Thomas Becket in this work. The Wife of Bath appears in, for ten points, what collection of stories written by Geoffrey Chaucer?**

ANSWER: The Canterbury Tales

(11) *The Mysterious Island* is a sequel to both *In Search of the Castaways* and this novel. For ten points each,

Identify this novel in which the servant Conseil, the harpoonist Ned Land, and marine biologist Pierre Aronnax all ride aboard the *Nautilus*.

ANSWER: **Twenty Thousand Leagues Under the Sea** (or **Vingt mille lieues sous les mers**: Tour du monde sous-marin)

Twenty Thousand Leagues Under the Sea was written by this French author. He also wrote about Professor Otto Lidenbrock in his novel *Journey to the Center of the Earth*.

ANSWER: Jules Gabriel **Verne**

This character is the captain of the *Nautilus*. In *The Mysterious Island*, he has a port on Lincoln Island, and reveals his true identity to be Prince Dakkar.

ANSWER: Captain **Nemo**

(12) **Plotinus is said to have founded a revival of this man's teachings. In one work by this author, Agathon hosts a party where each attendee gives a speech on the nature of love. Critias, the aforementioned Symposium, and the Republic are among the (*) dialogues written by this philosopher that focus on the teachings of his mentor, Socrates. For ten points, name this ancient Greek philosopher who tutored Aristotle.**

ANSWER: **Plato**

(12) The Moscow Canal connects this river to the city of Moscow before it flows through Nizhny Novgorod and Astrakhan on the way to the Caspian Sea. For ten points each,

Name this longest river in Europe.

ANSWER: **Volga** River

The Volga is considered the national river of this largest country in the world.

ANSWER: **Russia**

The Volga flows through, predictably, Volgograd, a city that was known by this name from 1925 to 1961.

ANSWER: **Stalingrad**

(13) **A wax and clay sculpture by Degas [day-GAH] that shows a fourteen-year-old dancer is decorated with cloth, rope, and this substance. In Vermeer's *Girl with a Pearl Earring*, this substance is obscured with a blue and yellow cloth. In *The Birth of Venus*, the (*) goddess uses this substance to cover her nudity, and the *Mona Lisa* wears hers under a black veil. For ten points, name this artistic substance that grows from human heads.**

ANSWER: human **hair**

(13) This character is serenaded with “Che gelida manina” by Rodolfo. For ten points each, Name this character from an 1896 opera. The opera ends with this character’s death from tuberculosis.

ANSWER: Mimi

Mimi dies of TB in this opera. For comparison, In Jonathan Larsen’s *Rent*, Mimi is instead HIV-positive, and instead has a near-death experience.

ANSWER: La Boheme

This composer of *La Boheme* left *Turandot* unfinished at his death.

ANSWER: Giacomo Puccini

(14) **The endosymbiosis theory states this structure was once a prokaryote engulfed, but not digested by, a eukaryotic cell; that cell called is called “Eve.” This non-chromatic plastid has its own maternal DNA. It has a double membrane, with the inner membrane folded into (*) cristae to increase surface area.** For ten points, name this organelle that generates ATP from food and, therefore, is called the powerhouse of the cell.

ANSWER: mitochondria

(14) These processes may involve the breaking of bonds and/or exchange of electrons between species. For ten points each,

Give this term for a process that takes reactants, undergoes some chemical change, and yields one or more products with new chemical properties.

ANSWER: chemical reaction

Gas-forming reactions in liquids produce these structures, thin spheres of liquid enclosing gas. They often burst when they reach the top of the liquid.

ANSWER: bubbles

When two liquids react, this insoluble solid product can form, often settling to the bottom of the liquid solution.

ANSWER: precipitate

Extra Question

Only read if you need a backup or tiebreaker!

(15) **This class of animals includes the order Squamata. One type of these animals avoids predators by squirting blood from its eyes. Skinks are among a group of these animals that prefer attackers to go for their tails because they can (*) regenerate them. One of these that can run on water is called the basilisk. The Gila [hee-lah] monster, iguanas, and turtles are examples of, for ten points, what group of often-scaled animals that includes snakes and lizards?**

ANSWER: Reptilia (or reptiles; anti-prompt on types of lizards by asking “could you be less specific?”)