ROUND TEN: CHAMPIONSHIP GAME

ROUND 10 TOSSUPS WITH RELATED BONUSES

1. Arturo Toscanini was 28 years old when he conducted the February 1, 1896, premiere in Turin of this Puccini opera. For ten points, name this work that begins on Christmas Eve in Paris when Benoit asks Rodolfo, Marcello, Colline, and Schaunard for the monthly rent.
ANSWER: *La Bohème*

BONUS: Swedish economist Assar Lindbeck has said that other than an atomic bomb, rent controls are the most effective way to destroy a city. Suppose that the going rate for an apartment is $500 dollars and the city government begins enforcing a rent control law making $400 the maximum rent for an apartment. For ten points each:
a. Suppose that at the new price, consumers demand 1000 more apartments than producers are willing to supply. What is the name given to this excess demand?
ANSWER: **Shortage**
b. Unless the supply or the demand curve is perfectly inelastic, the rent control law will decrease the total surplus of consumers and producers. What name is given to this loss of surplus?
ANSWER: **Deadweight Loss**

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2. Its original title was a quotation from *Our Mutual Friend* by Charles Dickens: "He do the police in different voices". Its sections are "The Burial of the Dead", "A Game of Chess", "The Fire Sermon", "Death by Water", and "What the Thunder Said". For ten points, name this poem by T. S. Eliot.
ANSWER: "The **Waste Land**"

BONUS: The Who sang about a teenage wasteland in the song "Baba O'Riley". For ten points each, name these teenagers.
a. She made the semi-finals at Wimbledon in 1997 before losing to Martina Hingis. Name this sixteen-year-old who gets defensive when asked about Sergei Federov.
ANSWER: Anna **Kournikova**
b. Noted for her "Go with yourself" speech at the MTV Video Music Awards, this "Sullen Girl" was 15 when she wrote the lyrics to "Never Is a Promise" on her debut album *Tidal*.
ANSWER: Fiona **Apple**

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3. The Armenian Church celebrates something similar the day after Easter while the Greek Rite does it on the eve of Pentecost. It is supposed to help those not perfectly cleansed from venial sins. For ten points, November 2 is the usual date of what commemoration of the faithful departed?
ANSWER: **All Souls' Day**

BONUS: Identify these other religious days, for ten points each.
a. The most famous celebration of this Hindu chariot festival is that at Jagannatha, where Krishna is worshipped on the second day of the bright fortnight of Asadha.
ANSWER: **Rathayatra**
b. Originally a wheat harvest festival, its name means "weeks". Name this Jewish holiday, seven weeks after Passover, which became associated with the giving of the Torah at Mount Sinai.
ANSWER: **Shavout** or **Shavouth**

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4. It is scheduled to close on March 28, as the entire $11 million investment may be lost on this life story of Salvador Agron, a Puerto Rican gang member. For ten points, after 68 regular performance, it is the end of what production, book by Derek Walcott and score by Paul Simon.
ANSWER: The *Capeman*

ROUND TEN: CHAMPIONSHIP GAME

BONUS: Name these people born on March 28, for ten points each.
a. He led Britain's Labor Party from 1983 to 1992. Joseph Biden was shown to have plagiarized some of his speeches during Biden's run at the Presidency in 1988.
ANSWER: Neil Gordon **Kinnock**
b. Born in 1862, he served 11 times as premier of France and was awarded a Nobel Prize in 1926 with Gustav Stresemann of Germany for drafting the Pact of Locarno (1925). Name this French diplomat also known for drafting a pact in 1928, outlawing war as an instrument of national policy.
ANSWER: Aristide **Briand**

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5. The first opened in 1923 in the Deutches Museum in Munich, although this word had been used for what is known now as an orrery. The Zeiss factory in Oberkochen, Germany specializes in making projectors for these establishments. For ten points, name this type of facility in which people sit in concentric circles around this projector and look up at the spherical screen to see stars.
ANSWER: **planetarium** (planetaria)

BONUS: Answer these questions about planetaria for ten points each.
a. The Tycho Brahe planetarium in this city also has an Omnimax theater.
ANSWER: **Copenhagen**, Denmark
b. The National Air and Space Museum in Washington DC has its planetarium named after this famous scientist.
ANSWER: Albert **Einstein**

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6. In 1982-83, it caused up to 2000 deaths and $13 billion in property damage. Drought in areas such as Australia and Indonesia, Atlantic tropical disturbances sheared by strong west-to- east winds before they can become hurricanes, and weak monsoons are, for ten points, characteristics of what "weather event of the century", a Pacific occasion which may be related to global warming
ANSWER: **El Niño**

BONUS: For ten points, identify these other weather phenomena.
a. Between 30 and 35 degrees in both the Northern and Southern latitudes, these two subtropical atmospheric high-pressure belts produce arid climates, light winds, and clear skies.
ANSWER: **horse latitudes**
b. Originating in North Africa, and picking up moisture from the Mediterranean, this warm, humid wind blows from the south or southeast, bringing rain and fog to Southern Europe.
ANSWER: **sirocco**

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7. The artist Lynn Chadwick experimented with this genre of art. Cointed by Dadaist Marcel Duchamp, it also describes the many works displayed by Alexander Calder. For ten points, name this type of sculpture that consists of flat pieces of metal held by wires and usually moved by air currents.
ANSWER: **Mobile**

BONUS:
a. First, for ten points, at the Battle of Mobile Bay, who is the Union admiral known to have replied to one of his subordinates, "Damn the torpedos, full speed ahead"?
ANSWER: David **Farragut**
b. Next, for ten points, during the Napoleonic Wars, this American experimented with the design of naval mines and torpedos as well as developed a submarine, the Nautilus.
ANSWER: Robert **Fulton**

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8. He trained as a lawyer after being born into an upper-middle-class family, but turned to literature after meeting Joseph Conrad on a trip. He married his cousin's wife and wrote his earliest works under the name of John Sinjohn. For ten points, identify this author of 1906's *The Man of Property*, the first novel in *The Forsyte Saga*.
ANSWER: John **Galsworthy**

ROUND TEN: CHAMPIONSHIP GAME

BONUS: Identify these other authors of series of books, for ten points each.
a. His *The Adventures of a Young Man, Number One* and *The Grand Design* make up the *District of Columbia* trilogy.
ANSWER: John **Dos Passos**
b. *The Torch-Bearers* is his trilogy containing *The Watchers in the Sky*, *The Book of Earth*, and *The Last Voyage*, but he may be better known as the poet of "The Highwayman".
ANSWER: Alfred **Noyes**

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9. One of the oldest structures of the brain, it evolved as part of the sense of smell. It is sometimes considered a fifth lobe of the cerebral cortex and amnesia can occur after localized bilateral lesions here. For ten points, name this part of the brain heavily involved in control of emotions and sexual activity which is also known as the "visceral brain".
ANSWER: **Limbic** system or Limbic lobe

BONUS: Answer these questions having to do with theoretical plots by that hyper-intelligent lab mouse, the Brain.
a. The Brain arranges a car accident in which he is rear-ended by computer mogul Gill Bates. He plans to take Gill's money to fund his diabolical plans in a lawsuit charging this kind of wrongful action, taking its name from the Latin for "crooked". Unfortunately, Pinky wasn't wearing a seat belt, so damages amount to five dollars.
ANSWER: **tort**
b. The Brain attempts clandestine corporate takeover of Doosie. However, Pinky buys too much stock too soon, activating one of these anti-takeover devices, as shareholders are issued more shares at a low discount to make a takeover overly expensive.
ANSWER: **poison pill** or **shareholder rights plan**

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10. The basement of this building was once a dog pound and its second floor once housed Charles Wilson Peale's natural history museum. In 1950, the National Park Service restored it to its 1776 appearance. For ten points, what building built as the Pennsylvania State House had its windows closed in the hot summer of 1787 where the Constitution was drafted?
ANSWER: **Independence Hall**

BONUS: Answer these questions about Philadelphia, for ten points each.
a. The city lies at the confluence of 2 rivers. For ten points, name EITHER one.
ANSWER: **Delaware** River OR **Schuylkill** River ("/sky kill/" or "/skull kill/")
b. To symbolize his idealistic concepts, this man named Philadelphia, meaning "brotherly love"
ANSWER: William **Penn**

ROUND TEN: CHAMPIONSHIP GAME

AVAILABLE CATEGORIES FOR ROUND 10

American History
American Literature
Biological Sciences
Fine Arts
General Knowledge and Trivia
Mathematics
Physical Sciences
Religion, Mythology, and Philosophy
Sports and Entertainment
World Literature

ROUND TEN: CHAMPIONSHIP GAME

ROUND 10 CATEGORY QUIZ TOSSUPS

1. Born in 552, and king of Kent from 560, he issued a code of laws that is the oldest surviving document in old English, and was the only Anglo-Saxon king married to a Christian. For ten points, name this man who was converted to Christianity by St Augustine in 597, and so became England's first Christian ruler.
ANSWER: **Aethelbert** or **Ethelbert** /ath'-uhl-burt/

2. Doomsayers say that the universe is as good as gone. They theorize that the universe will be unable to expand under its own mass, and eventually begin to contract. For ten points, give the term used to describe the process of universal atrophy that may serve as the perfect complement to "the Big Bang."
ANSWER: the **Big Crunch**

3. Entering Westminster school before going on to Christ Church at Oxford, he was 42 when he finally graduated as a bachelor of medicine in 1674. To Philip van Limbroch, he dedicated his *Epistola de Tolerantia* and he wrote two vindications of his *The Reasonableness of Christianity*. For ten points, name this English political philosopher.
ANSWER: John **Locke**

4. Made up of former islands off the Konkan Coast and joined on the north by Salsette Island, this city which borders the Arabian Sea to the west is one of the most densely populated cities in the world. For ten points, name this important cotton-textile city, the capital of the Maharashtra state and the chief financial and commercial center of India.
ANSWER: **Bombay** (or Marathi Mumbai)

5. The earliest surviving example is in English, "Sumer is icumen in" from the 13th century. They can be written backwards or upside down. For ten points, name this composition for at least two voices, which does not have a countersubject, as in a fugue, but does have an imitation or restatement of the first melody.
ANSWER: perpetual **canon** or **round**

6. In 1969, he finally followed chancellor John Oswald's 1965 order by recruiting Tom Payne, his first black player. He was forced into mandatory retirement at the age of 70 in 1972. For ten points, what legendary coach did not, as rumored, coach at Duke after retiring from the University of Kentucky?
ANSWER: Adolph **Rupp**

7. Also known by brand names like "Darmol, Laxin, and Chocolax," it is almost insoluble in water, so these yellow-white crystals must be dissolved in a 1% alcohol solution to be useful. For ten points, name this indicator whose solution is colorless but turns red when the pH of a solution is above 9.
ANSWER: **Phenolphthalein** /fee knoll they lean/

8. It describes the words of unmasked characters in Eugene O'Neill's *The Great God Brown*. An example is "To be or not to be". For ten points, identify this dramatic passage in which a character expresses his or her thoughts aloud and alone.
ANSWER: **soliloquy**

ROUND TEN: CHAMPIONSHIP GAME

ROUND 10 CATEGORY QUIZ

American History In 1753, he finished a handcarved, wooden clock that kept almost perfect time for 50 years. When he sent Thomas Jefferson a copy of his first almanac, he included a letter calling for abolition. For fifteen points, name this assistant to Major Andrew Ellicott in laying out the boundaries for the District of Columbia.
ANSWER: Benjamin **Banneker**

American Literature He protests when his son, Biff, says that they are both a dime a dozen. For fifteen points, name this character, whose wife, Linda, laments that, while she was able to make the last payment on the house, "there'll be nobody home" because this man died in a so-called car accident.
ANSWER: **Willy Loman** from Arthur Miller's *Death of a Salesman*

Biological Sciences It can be processed from two distinct vines into a sticky, black mixture similar to licorice. For ten points, name this substance used by the Aucas and other South American tribes, a neuromuscular blocker that is put on the tips of arrows.
ANSWER: **Curare** /cure are ee/

Fine Arts: *Visual bonus*. For fifteen points, identify this sculpture shown on this handout.
ANSWER: [A **Burgher of Calais** or **Bourgeois de Calais** by Auguste Rodin]

General Knowledge and Trivia New from Carter-Wallace Labs is a sedative and muscle relaxant named for the Roman equivalent of Hypnos. Literary minds will remember that a substance of the same name kept the inhabitants of Huxley's *Brave New World* happily blissful. For ten points name this four-letter word and drug.
ANSWER: **Soma**

Mathematics For fifteen points, in a regular decagon, what is the degree measure of each interior angle? You have fifteen seconds.
ANSWER: **144 degrees**

Physical Sciences The VSEPR /VES per/ model describes molecular geometry. For fifteen points, what does VSEPR stand for?
ANSWER: **valence-shell electron-pair repulsion** *[Complete answer needed]*

Religion, Mythology, and Philosophy A depiction of this type of prophetess as an elderly crone can be seen on the ceiling of the Sistine Chapel. The Erythraean one revealed to Alexander the Great his divine descent, while the Cumaean one sold a set of prophetic books to the last Roman king. **FOR FIFTEEN POINTS**, identify this type of ancient prophetess, one of whom guided Aeneas to the underworld.
ANSWER: **sibyl**

Sports and Entertainment *My God Is Love* and Freedom's Light are albums not known for the performers but rather the lyricist. One of his songs was inspired by a George Bush speech. For fifteen points, name this Senator collaborating with Janice Kapp Perry, a member of the Mormon Tabernacle Choir.
ANSWER: Orrin **Hatch**

World Literature Although a congenital disease deteriorated his eyesight from the 1950's until he was nearly blind in 1970, he still produced *The Book of Sand* and *Seven Nights* in this time. For fifteen points, identify this Argentinean short-story writer of "The Library of Babel" and "Death and the Compass".
ANSWER: Jorge Luis **Borges**

ROUND TEN: CHAMPIONSHIP GAME

ROUND 10 STRETCH ROUND TOSSUPS

1. The patriarch of this New York family, a Methodist minister who deplored the town drunk's practice of attending services merely during the distribution of Communion wine, applied Louis Pasteur's newly invented process to unfermented wine, creating the phenomenon known as "grape juice". **FOR TEN POINTS**, give the famous surname of this family that made the Concord grape a household staple.
ANSWER: **Welch**

2. Claude Gaspar Bachet de Méziriac wrote books of mathematical puzzles but he is probably most known for translating from Greek to Latin the Arithmetica of Diophantus in 1621. The translation itself is not so important as how a copy of it was used by a lawyer around 1630. Its margins contained this "truly remarkable" note. **FOR TEN POINTS**, what was referred to in the margins, solved by Andrew Wiles, which involves the equation x to the n, plus y to the n, equals z to the n.
ANSWER: **Fermat's Last Theorem** or Fermat's Great Theorem

3. On returning back to the Hebrides, Flora Macdonald was joined by an Irish spinning maid named Betty Burke. Betty Burke went to France, wandering drunkenly, eventually to Italy, dying in Rome, where he had been born. Yes, he, because this Scottish national hero was in drag while escaping from England. **FOR TEN POINTS,** who defeated Sir John Cope at Prestonpans, but eventually lost to William Augustus, duke of Cumberland, at Culloden Moor.
ANSWER: **Bonnie Prince Charlie** or **Charles** Edward Louis Philip Casimir **Stuart**, the Young Pretender (prompt on Young Chevalier)

4. He was first known as an engraver through his print of John Trumbull's "Declaration of Independence", but by the 1830's he turned to portraiture and landscape painting. **FOR TEN POINTS,** name this artist who became a leading figure in the Hudson River School, known for a painting of Thomas Cole and William Cullen Bryant in the Catskill Mountains known as "Kindred Spirits" (1849).
ANSWER: Asher B. **Durand**

5. Known locally as Dapsang or Chogori, it was discovered in 1856 by Colonel T. G. Montgomerie. Its southeastern ridge is named after the Duke d'Abruzzi, who failed to scale it in 1909, although Achille Compagnoni and Lino Lacedelli first reached its peak in 1954. **FOR TEN POINTS**, name this peak in the Karakoram Range, the world's second highest peak.
ANSWER: **K2** or Mount **Godwin Austen**

6. Supposedly granted a wish by an angel when he was a young boy, he wished to help people. However, he soon found that he could memorize books by sleeping on them. Give the name of this man dubbed "The Sleeping Profit/Prophet (?)" **FOR TEN POINTS**, who died on January 3, 1945, leaving over 14,000 stenographic records of diagnosing illness while in a sleep-like trance.
ANSWER: Edgar **Cayce** /Casey/

7. While dying from double pneumonia contracted from walking through the snow to see an accident wearing only silk pajamas and a light coat, she asked for her swan costume. With music by Saint-Saens, Michel Fokine had choreographed *The Dying Swan* for her in 1905. **FOR TEN POINTS**, name this Russian-born dancer, known for her partnership with Vaslav Nijinsky.
ANSWER: Anna **Pavlova**

8. Linda Renfro of Wild Goose Kennels is auctioning over the internet a litter of puppies bred by Sadie and Cocoa, originally setting the minimum bid at $1000 because the pups would have a famous sibling. **FOR TEN POINTS**, name the Labrador retriever who is now the first pet.
ANSWER: **Buddy**

9. 13 is Patau Syndrome while 18 is Edward's Syndrome. XYY is "supermale" syndrome while XXY is the majority of cases of Klinefelter Syndrome. **FOR TEN POINTS**, name this chromosomal disorder which affects chromosome 21 in Down syndrome.
ANSWER: **trisomy** (prompt on early "chromosome")

10. According to the full title, she was "twelve years a Whore, five times a Wife (thereof once to her own brother), twelve years a Thief, eight years a transported Felon in Virginia." Eventually she became a penitent and grew rich. **FOR TEN POINTS**, who is this famous female picaresque hero of Daniel Dafoe?
ANSWER: _**Moll Flanders**_

TIEBREAKER/REPLACEMENT TOSSUPS

Conspiracy theorists suggest that he did not die of pneumonia in 1923, but instead committed suicide. He promised a "return to normalcy," but his ineptitude prevented that. His greatest weakness lay in his loosely selected and largely unsupervised cabinet, which included men like Albert Fall. **FOR TEN POINTS** name this President whose death conveniently freed him from the Teapot Dome Scandal.
ANSWER: Warren Gamaliel **Harding**

Given the velocity of a charge and the direction of its magnetic field, this can be used to determine the direction of the magnetic force. And if the direction of a rotating record is known, the angular velocity vector can be determined with this method. **FOR TEN POINTS** identify this rule that is commonly used to establish the direction of a cross product of two vectors.
ANSWER: **right hand** rule

The Fox Islands, the Rat Islands, the Near Islands, the Andreanof Islands and the Islands of Four Mountains. **FOR TEN POINTS**, name this island chain containing include Adak, Kiska, Attu, Unimak and Unalaska that extends westward from the Alaskan Peninsula.
ANSWER: **Aleutian** Islands

ROUND TEN: CHAMPIONSHIP GAME
ROUND 10 STRETCH ROUND BONUSES

1. Identify these x-terms for ten points each.
This is a yellow or orange plant pigment.
ANSWER: **xanthophyll**
This tissue is made up of vessels and tracheids.
ANSWER: **xylem**
It describes a structure adapted to dry conditions.
ANSWER: **xeromorph**ic [do not accept xerophyte]

2. *AUDIO BONUS* Name these musical pieces by their popular nicknames AND their respective composers for five points per correct answer.
ANSWER: "From the **New World**" Symphony (prompt on Symphony #9) by Antonin **Dvorak**
ANSWER: Fourth movement, "*Jupiter*" Symphony (prompt on Symphony #40) by W. A. **Mozart**

For this selection, name the piece and the group of artists for five points per correct part.
ANSWER: **"Bittersweet Symphony"** by **The Verve**

3. 30-20-10 Name this story.
30) First published in May 1892 in the *New England Magazine*, it was neglected until its famous reprinting by Feminist Press 85 years later.
20) This classic tale of confinement and madness depicts a woman's descent into insanity through her secret journal.
10) This story is based somewhat on the life of its author, prominent 19th century feminist Charlotte Perkins Gilman.
ANSWER: "The **Yellow Wallpaper**"

4. Give the last names of these outlaw brothers, for ten points each.
Frank was a federal marshal killed by whiskey runners, Bill was shot from behind by lawmen while playing with his daughter, while Bob, Grat, and Emmett were killed or captured while raiding Coffeyville, Kansas.
ANSWER: **Dalton**
Cole, John, Jim, and Robert were cousins of the Dalton brothers who associated with the James brothers.
ANSWER: **Younger**
Herman, Fred, and Arthur a.k.a. "Doc" were sons of the former Arizona Donnie Clark.
ANSWER: **Barker** [Sons of Ma Barker]

5. Perhaps you've seen those car stickers that have a letter or two on them. Well, usually those letters are abbreviations for countries. Give the appropriate European country for each of the following sticker abbreviations.

5)	F	ANSWER: **France**
10)	D	ANSWER: **Germany**
15)	CH	ANSWER: **Switzerland**

6. 5-10-15 Answer these questions about mirrors.
5) This type of mirror bulges outward.
ANSWER: **convex**
10) According to the second law of reflection, this is equal to the angle of reflection.
ANSWER: **angle of incidence** or **incident angle**
15) Consider a concave mirror with focal length [f] equal to 0.5 m. You stand 3 m from the mirror [u]. What is the distance between your image and the mirror [v]? You have 15 seconds.
ANSWER: **0.6** (3/5) m [$1/u + 1/v = 1/f$]

ROUND TEN: CHAMPIONSHIP GAME

7. Answer these questions about the following schools of art, for ten points each.
A group of American painters active before World War I that included Robert Henri, George Luks, and Edward Hopper.
ANSWER: **Ash-can** school
A group of British painters who were active after World War II who depicted the post-war mood of "angry young men," John Bratby is its best-known member.
ANSWER: **Kitchen Sink** School
The School of Pont-Aven refers to painters associated with this painting master while he lived in Pont-Aven in Brittany between 1886 and 1891.
ANSWER: Paul **Gauguin**

8. 30-20-10. The last name's the same. Give the common last name of the following people.
30. Howard was the 20th century composer of such works as *Song of Democracy* and *Elegy in Memory of Koussevitzky*.
20. John was the first president of the United States under the Articles of Confederation.
10. Isaac, Taylor and Zachary form a band famous for songs such as "*MMMBop*."
ANSWER: **Hanson**

9. Identify these sociological terms, for ten points each.
This is Erving Goffman's symbolic interactionist approach that depicts social life as theatre.
ANSWER: **dramaturgy**
This is a norm so strong that its violation is thought to be punishable by the group of society or even by some supernatural source.
ANSWER: **taboo**
This Emile Durkheim theory states that deviance is most likely to occur when there is a discrepancy between culturally prescribed goals and legitimate means of obtaining them.
ANSWER: **Anomie** theory

10. One takes its name from the Arabic for "flying eagle." One takes its name from the Arabic for "tail." One was featured in the movie *Contact* and will be the pole star in twelve thousand years. For ten points each, name these three members of the "summer triangle".
ANSWER: **Altair**; **Deneb**; **Vega**