

1997 Paul Bunyan Masters  
Round 15

Toss Ups

1. It supports \$32 billion dollars of agricultural production a year including a good deal of the U.S.'s output of wheat, sorghum, cotton, corn and 40% of the country's grain-fed beef cattle. As a non-renewable resource that is being drained at 8-100 times its natural recharge rate, scientists project that it will be dry by the year 2020. For 10 points, what is this endangered subterranean water resource that runs beneath 8 states - from South Dakota all the way down south to Texas?

Answer: **Ogallala Aquifer**

2. In January, 1797, Napoleon had the historic Austrian-controlled city of Mantua under siege. With supplies in Mantua dwindling, the 25,000 Austrians under Alvinczy were desperate to relieve Mantua and therefore launched an attack on French positions on the heights of a nearby town. The result -- Napoleons commander Massena resisted effectively. The Austrians were routed and suffered 13,000 prisoners from the ill-fated siege. This became -- for 10 points -- the battle at what site that was the catalyst for collapse of anti-French resistance in Northern Italy?

Answer: **Rivoli**

3. This two word term apparently originated in Edward Bellamys Looking Backward in which the object in question was made of pasteboard but had pretty much the same functions that they have today. The first real one was issued by the Flatbush National Bank in 1947 that allowed for patrons to forestall paying for purchases made at establishments in a 2-square block area of Brooklyn. For 10 points -- what are these now small, plastic items that go by the names of Visa and Discover?

Answer: **Credit Cards**

4. He was born in Paris in 1803 and was certainly more than just a writer. He practiced law, held a position as inspector General of Public Monuments, had some talent in painting, was an authority on Russian literature and was a mentor to nobility. But a meeting with Stendhal turned into a career of writing. He started with literary hoaxes like The Theater of Clara Gazul, turned to writing short stories like his 1833 Mosaics and finally wrote novels like The Double Mistake and 1837s Souls in Purgatory. For 10 points -- who was this French author of Carmen?

Answer: **Prosper Merimee**

5. There's a fragment of it in the Hentiy province in the Ereen Davaani Mountains. The rest of it is pretty continuous and runs the length of the northern part of the Dornod province before terminating at Manhouli which lies on the border of China and Russia. For 10 points -- what is this man-made structure, an imposingly large feature of northeastern Mongolia named for an equally imposing marauder of the area in times past?

Answer: **The Wall of Genghis Khan**

6. 10,000 Men set sail from the port of Dartmouth in May, 1147. 150 ships were launched and the support was active from Louis the 7th, Holy Roman Emperor Conrad

the Third and pope Eugenius the third. Though philosophical divisions were overcome and the moors were dislodged from Lisbon, Christian forces aborted a siege on Damascus and turned rancorous, accomplishing neither that goal nor the goal they set out to do -- which was recover Edessa. Thus -- for 10 points -- what military campaign disintegrated into failure?

Answer: **The Second Crusade**

7. His body of work may be considered most extreme -- with much of his major research going towards explaining how life on Earth was generated, and also assisting with the technology to destroy it forever. His expertise in the former included arguing that the important energy source for early geochemical and prebiotic chemical reactions was very probably the stream of solar ultra-violet radiation, together possibly with lightning discharges and meteor impacts. His work on the latter included working to secure tritium for the H-Bomb and devising a large-scale process for obtaining heavy water. For 10 points, who was this isolator of deuterium, the U.S. born winner of the 1934 Nobel Prize in Chemistry?

Answer: **Harold Urey**

8. One character with her name makes a brief appearance in Sophocles tragedy Antigone. As the wife of Creon, she hears the news that the messenger brings of the death of her son Haemon and then she retreats back into her palace to kill herself. We might be able to assume that this is the same woman that would thereby descend into the underworld and undergo a rescue attempt by Orpheus. For 10 points -- who is this tragic Greek female?

Answer: **Eurydice**

9. On Friday, July the 20th, 1714, The Marquesa de Montemayor and her maid Pepita, Uncle Pio, a young boy named Jaime and Esteban met their deaths simultaneously when they plunged into a deep Peruvian gorge. The book written about their lives was condemned by the Church and its author -- Brother Juniper -- was burned at the stake. This all happens in -- for 10 points -- what 1927 Novel by Thornton Wilder?

Answer: **The Bridge of San Luis Rey**

10. 41-year old Tim Berners-Lee admits openly that he was never good with names and faces. Back in 1980, he even developed some software to keep track of the links between the names and faces of people that he had met. He really seemed to like the idea of links -- because that term stuck for something else he developed in 1992 that has now exploded beyond his control and shockingly -- left him no fame or riches. For 10 points -- what globally intricate system navigated by Netscape did Berners-Lee pioneer?

Answer: **World Wide Web**

11. The rapid expansion of Sweden in the 16th and 17th centuries led to an alliance of Russian, Denmark-Norway, and Saxony-Poland which attacked Sweden on the assumption of 14 year-old Charles XII in 1698. Initially Sweden enjoyed fantastic success and beat back Denmark-Norway and Poland, but after a series of losses to

Russia and the addition of England and Prussia led to a peace to the Treaties of Stockholm, in which Sweden surrendered most of its Baltic possessions to Russia. This occurred in, for 10 points, what 1700-1721 war, which featured the cataclysmic battle of Poltava?

Answer: **Great Northern War**

1 2. It was through terrorism that the National Liberation Front or the FLN, attempted to bring the plight of their country to the attention of the world in the mid-50s. The French didn't like that and sent paratroopers to restore order. What followed were waves of terrorism and reciprocal atrocities led by paratroop commander Jacques Massu. The paratroopers managed to dismember FLN leadership in 1957 with the execution of Larbi Ben M'Hidi and Ali la Pointe and arrest of Yacef Saadi. These stories and more were chronicled in a 1965 film by Gillo Pontecorvo. For 10 points, what north African country saw all of these atrocities in its capital city of Algiers?

Answer: **Algeria**

1 3. It contains remarkably accurate accounts of fossils and proved that the author had an incredible grasp on the principles of paleoecology. First coming to light in the 1690's when Giuseppe Ghezzi found it in Rome, it was purchased by Thomas Coke in 1717 and didn't cause much stir until it passed through the hands of two corporate giants in 1980 and 1994. For 10 points -- what is this collection of notes filed largely with commentary on the nature and use of water by its author Leonardo da Vinci?

Answer: **The Codex Leicester**

1 4. The Brothers Grimm definitely had a more grim version of her story than Disney. For Disney left out the details of her two self-mutilating relatives that cut off their big toe and heel, respectively -- and both of them -- lamed for life -- getting their eyes pecked out by pigeons who are allies of the main character. For 10 points -- what character who needed to be back before midnight to see this carnage, never needed to sever toes to fit into her glass slippers?

Answer: **Cinderella**

1 5. This city is low-lying, hot and humid and sits just 2 degrees south of the equator. It is the seat for its country's National and Catholic Universities and has escaped the numerous plagues that have afflicted it since it was founded in the 1530s. For 10 points, what is this city on the Pan-American Highway that lies on the Pacific coast and is just one terminus of a major intra-Ecuadorian railway that connects it to Quito?

Answer: **Guayaquil**

1 6. Two men point to the figure in the very center. The figure they point to is the only one dressed in white -- and he appears vaguely strange with his child-like body and adult head and face. The man who flanks him on the right is holding a drapery that reveals the scene in which the other characters play out their drama -- which just happens to be the father of George Washington scolding a young George for cutting down a cherry tree. This painting is -- for 10 points -- what 1939 classic by Grant Wood?

Answer: **Parson Weems' Fable**

17. February 1997 was the 500th anniversary of his birth. Born in Bretten, he was well-taught in schools in Heidelberg, Tübingen and Wittenberg. It was his association with a certain rebel professor at Wittenberg that helped him become -- for thirty years -- the most distinguished and reliable disciple to the Reformer himself - Martin Luther. For 10 points -- who was this philosopher, author of the 1521 tract *Loci Communes*?

Answer: **Philipp Melancthon**

18. This thought experiment was designed to make overt the difficulty in conceiving of quantum indeterminacies when they are translated to the familiar world of everyday objects. The object in question is thought of as being locked in a container with a capsule of cyanide which will break if a Geiger counter is triggered. This will happen if an atom in a radioactive substance in the container decays, and there is a 50% chance that such an event will happen within an hour. However, quantum mechanics forces us to say that before we looked, it was not true that the object in question was dead and also not true that it was alive. For 10 points -- this philosophical problem is known by what fictional animal name attributed to an Austrian physicist?

Answer: **Schrodinger's Cat**

19. While Hepatitis has A, B, C, D and other lettered nomenclatures to distinguish between types, this human threat has 0, 1 and 2 varieties. Type 0 is closely related to type 1. Type 1 can be traced back to West-Central Africa and is now found most frequently around the world. Type 2 stays mostly in West Africa as the main cause of the ongoing pandemic in that region. For 10 points -- these are types of what virus that has infected millions worldwide that ultimately develops into AIDS?

Answer: **Human immunodeficiency Virus** or **HIV**

20. The conclusion of this story is hilarious even if it wasn't intended to be. The narrator relates her slightly off-kilter surprise at her husband fainting and says "Now why should that man have fainted? But he did, and right across my path by the wall, so that I had to creep over him every time!" She had been creeping around a room that had been partially stripped bare of the adornment that had at first plagued her then intrigued her while she was supposedly resting from her nervous condition. This is -- for 10 points -- what almost biographical short story by Charlotte Perkins Gilman?

Answer: **The Yellow Wallpaper**

21. He is a nasal-voiced, heavy-set older man who enjoys gardening, bowling, taking long trips in his camper, and going to reunions to meet such fellow World War II veterans as Johnson and John Thomas. An upstanding member of the Highland community, he is nevertheless consistently plagued by his inability to recognize two kids whom he hires to do such tasks as prune his trees, wash his dog, and dig a swimming pool although they always destroy everything they touch. For 10 points name this cartoon character, a neighbor and frequent victim of Beavis and Butt-head.

Answer: **Mr. Tom Anderson**



22. The northern part of this African nation is made dry by part of the Sahara Desert and it contains the Tibesti Mountain Range, where its highest peak, Emi Koussi, is located. The southern part, however, is fertile, watered by such rivers as the Logone and the Chari whose tributary, the Bahr-ouk, forms the country's border with the Central African Republic. For 10 points identify this nation also bordered by Libya, the Sudan, Cameroon, Nigeria, and Niger, whose capital is N'Djamena and whose name is a popular masculine name.

Answer: **Chad**

23. The name's the same: the grandson served two terms in the Senate as a Republican from Massachusetts in 1937 and 47, was an unsuccessful vice-presidential candidate in 1960, and served as a permanent ambassador to the U.N. until his death in 1985. The grandfather and namesake was also a Republican senator from Massachusetts from 1893 to 1924, and is remembered as an adversary of Woodrow Wilson and the author of "Reservations" which helped keep the U.S. from joining the League of Nations. For 10 points give the common name.

Answer: **Henry Cabot Lodge**

24 Kate Hardcastle is a headstrong young woman who is not pleased by the report that her betrothed, Marlow, is a shy and retiring man. However, she learns from her friend Constance that he is much less diffident around women of the lower class, and when Marlow mistakenly visits the house believing it to be an inn and she a maid, she takes advantage of the opportunity to win his heart. This is a brief description of, for 10 points, what play, subtitled \_The Mistakes of a Night\_, one of the most famous works of Oliver Goldsmith?

Answer: **She Stoops to Conquer**

25. In the closing scenes of this film its main character is shot in the back by a man wearing sunglasses, who then walks down the staircase of a large red room while a dedication to Howard Hawkes and Ben Hecht appears on screen. Moments before, the main character had just been shot by his own sister before she was killed by men invading his house, and with the help of cocaine and a large machine gun, his "little friend", he had survived a huge gunfight with the invaders. This is, for 10 points, the climax of what 1983 film starring Al Pacino?

Answer: **Scarface**

26. Also known as Niten, this man, the subject of a popular 1935 work by Yoshikawa Eiji, was born in Minasaki, Japan in 1584. Though he is renowned for his artistic works, such as \_The Shrike\_, he was better known as a soldier who fought for the Ishida clan in the battle of Sekigawa and later helped the Tokugawas crush the Shimabara uprising and for defeating almost 60 men in single combat using the Nito-Ryu (Two Sword) style of fencing, which he invented. For 10 points identify this Japanese kensei, or sword-saint, author of the classic \_Go Rin No Sho\_ or \_Book of Five Rings\_.

Answer: **Miyamoto Musashi**

27. The bacillus of this disease was discovered by Robert Koch in 1876 and in 1881 a vaccine was developed for it by Louis Pasteur. Also known as splenic fever, black bairn, charbon, malignant pustule, and murrain, it afflicts cattle, sheep, goats, horse, pigs, and humans, and its symptoms include slow fever, increase in breathing and heart rates, weakness, convulsions, swelling, hemorrhaging from natural body openings and death within 12 to 120 hours of exposure. For 10 points name this disease whose most recognizable symptom are the dark carbuncles from which it gets its name.

Answer: **Anthrax**

28. Born in Martin's Ferry, Ohio in 1837, this taught himself several European languages while working at his father's newspaper before beginning his own literary career by submitting poems to The Atlantic Monthly. His campaigning biography of Abraham Lincoln led to him earning a consulship to Venice, and on his return he began editing The Atlantic Monthly while writing such works as Their Wedding Journey and A Hazard of New Fortunes and befriending Mark Twain. For 10 points name this critic and novelist best known for The Rise of Silas Lapham.

Answer: **William Dean Howells**

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BONI

1. Given a selection from a poem -- identify both the author and the subject of the poem -- for 5 points for one part or 15 for both. Hint: the subject and actual title of the poem are one in the same.

1. His flashing eyes, his floating hair!/Weave a circle around him thrice,/And close your eyes with holy dread,/For he on honey-dew hath fed, /And drunk the milk of Paradise.

Answers: **Kubla Khan**

**Samuel Taylor Coleridge**

2. Battening upon huge seaworms in his sleep,/until the latter fire shall heat the deep;/Then once by man and angels to be seen,/In roaring he shall rise and on the surface die.

Answers: **The Kraken**

**Alfred, Lord Tennyson**

2. Answer the following questions about the ancient Greek archons for 10 points a piece.

1. There were originally three titles for archons: the Archon proper who dealt with administration, the Polemarch who dealt with war and what other title given to the archon who dealt with religious matters?

Answer: **the Basileus**

2. One of the duties of the Basileus was to preside over what oldest and highly venerated political and judicial council in Athens?

Answer: **The Areopagus**

3. Later, 6 junior archons were added to the main 3 and they enjoyed wide judicial and executive duties but never dominated politics after the rise of the Strategi in 487 B.C. Give their collective name.

Answer: **The Thesmothetae**

3. The ancients were interested in grouping stars into geometric shapes to form constellations. Astronomers have also drawn their own "triangles" in the night sky to connect important constellations with their bright stars. For 5 points per star -- identify:

1. The 3 stars that make up both the so-called "winter" and "spring" triangles for U.S. based observers. The vertices include the alpha stars for the constellations Canis Major, Canis Minor and Orion.

Answers: **Sirius**

**Procyon**

**Betelgeuse**

2. The 3 stars that make up both the "summer" and "autumn" triangles for U.S. based observers. The vertices include the alpha stars for the constellations Lyra, Cygnus and Aquila.

Answers: **Vega**

**Deneb**

**Altair**

4. This bonus concerns the little known mythological figure of Semele and her very

short life. Answer the following for 10 points a piece.

1. Semeles grandfather was Pentheus. Therefore -- she was born to what King of Thebes?

Answer: **Cadmus**

2. Zeus fancied her and impregnated her with child. While she was still pregnant, she prayed to see Zeus in all of his regal splendor. For 10 points -- how did he appear to her?

Answer: **In the form of a bolt of lightning** (accept equivalents)

3. When Zeus appeared as a lightning bolt and killed her instantly -- he took the unborn child and placed it in himself to be born again. What God thus was born to Zeus?

Answer: **Dionysus**

5. West African coasts have often been known by the commodities that were trafficked in and around the region. For the points stated, identify the country that features the following coasts

1. (5) The Ivory Coast

**Ivory Coast** or **Cote d'Ivoire**

2. (5) The Gold Coast

**Ghana**

3. (20) The Grain Coast

**Liberia**

6. Though battles did take place in Scotland and Ireland, there was little violence in England when parliament deposed King James the 2nd and for 5 points a piece plus a bonus 5 if all correct:

1. Gave the crown to what two monarchs?

Answers: **William III** and **Mary II**

2. In what year?

Answer: **1688**

3. Which then later became the Revolution known by what two adjectives?

Answers: **The Glorious Revolution** and **the Bloodless Revolution**

7. In Pearl S. Buck's The Good Earth, the protagonist Chinese farmer Wang Lung received the slave girl O-lan for a faithful wife -- but still felt the need to fill his house with other females. So he took a concubine and a girl for a slave. For 10 points a piece:

1. Give the names of the slave and of the concubine -- remembering that both were named for blossoms -- and specify which is which.

Answers: **Lotus Blossom** (Concubine)

**Pear Blossom** (Slave)

2. There were certainly no tarot games in The Good Earth, but Wang Lung's first daughter was referred to by what seemingly derogatory term that reflected her lack of wits?

Answer: **The Fool**

8. The woman on the left stands near a table with a lone candle on top and she holds her left hand up as a signal for silence and caution. The upraised hand results in a shadow over most of her face and in her right hand is an ornate sword. On the right --



there is a woman identified as a maidservant who kneels to the floor to gather up a sack. Invisible to our eyes is the head in the sack.

1. For 10 points a piece -- this early 1620's painting is an artistic account of what Israelite who decapitated and bagged the head of what Assyrian general?

Answers: **Judith**  
**Holofernes**

2. This painting: Judith and Maidservant with the Head of Holofernes was created by what artist?

Answer: **Artemesia Gentileschi**

9. Supply the economic term demanded by the definition for 10 points a piece:

1. This is the condition of being ineffective until certain conditions are met -- like money inherited by a minor that can't be used until the minor comes of age.

Answer: **Escrow**

2. This is the act of a corporation or conglomerate when they get rid of a subsidiary company or division.

Answer: **Divestiture** (accept equivalents)

3. This is the practice of charging more than the legal interest rate.

Answer: **Usury**

10. Note the following list of isotopes used in Nuclear Medicine: Chromium 51, Gallium 67, Iodine 131, Phosphorus 32 and Strontium 87. Now -- for 5 points a piece plus a bonus 5 if you're all correct -- which isotope would a doctor use to best accomplish the following?

1. Diagnose problems in bones?

**Strontium 87**

2. Diagnose problems in the liver?

**Phosphorus 32**

3. Diagnose lymph gland disorders?

**Gallium 67**

4. Diagnose spleen disorders?

**Chromium 51**

5. Diagnose and treat thyroid disorders?

**Iodine 131**

11. This bonus concerns the Saturday Night Massacre of the Watergate fiasco in 1973. For 5 points per answer, identify the following:

1. Nixon asked the Attorney General to fire the Watergate Special Prosecutor -- who refused to accept the President's compromise offer to release just a synopsis of the tapes. The Attorney General and his assistant refuse and both resign. Name these 3 figures.

Answers: **Elliot Richardson**, **Archibald Cox**, **William D. French**

2. This Solicitor General then fired Cox.

Answer: **Robert Bork**

3. The Saturday Night Massacre transpired in what month on what day in 1973?

Answers: **October 20**

12. So you've mastered the run of the mill dance terms like jete and plie have you? Well -- let's expand the canon -- shall we? Identify -- for 10 points a piece:

1. The 9 letter term coined by Marcel Marceau for his dramatically oriented ensemble

pantomimes that culminated in his *Candide* that ran in Hamburg in 1971.

Answer: **Mimodrame**

2. From the Spanish for noise of heels -- this 7 letter term designates the heel technique in flamenco dancing.

Answer: **Taconeo**

3. This 9 letter term is a very old French dance in compound duple time from Provence. It is danced by couples in a chain who hold hands, moving in spirals through the town.

Answer: **Farandole**

1 3. Some authors were private. Some just wrote about being private. Given the year and the title -- identify the author of these private works for the points stated.

1. For 5 Private Lives (1930)

A: **Noel Coward**

2. For 10 The Private Life of the Master Race (1944)

A: **Bertolt Brecht**

3. For 15 The Private Papers of Henry Ryecroft (1903)

A: **George Gissing**

1 4. The son of a physician -- he was born in 1859 and made the Sorbonne his 2nd home -- working his way up from student to assistant professor and ultimately, chair of the physics department. His greatest contributions to science rest around the elucidation of electric charges as they apply to crystal deformations as well as outlining the dangers of radioactivity.

1. For 10 points -- who is this physicist and Nobel laureate?

Answer: **Pierre Curie**

2. With his brother Jacques, he named the phenomenon that occurs when certain crystals develop opposite charges on opposite faces when they are mechanically deformed. For 10 points, what's the lengthy term?

Answer: **Piezoelectricity**

3. For his 1895 doctorate, he studied the effect of heat on ferromagnetism and showed that at a certain temperature, specific to a substance, it will lose its ferromagnetic properties and become paramagnetic. For 10 points -- what other name featuring a proper noun is this better known as -- with one example being 1043 degrees Kelvin for Iron?

Answer: **The Curie point**

1 5. Raiders of the Lost Ark was a cool movie -- but it left out a lot about the Ark itself.

Answer these questions about the ark for 5 points a piece:

1. In what book of the Bible was it written that the ark was to be made according to God's instructions?

Answer: **Exodus**

2. In the book of Joshua, it was written that the Ark was to be used to divide what river?

Answer: **The Jordan river**

3. After the Philistines take and return the Ark, it finds a variety of homes. It remains for 20 years in a particular city before being transferred to a house. Then it is transferred

to another city before it is placed in a temple. Identify these four locations as they are mentioned in 1 Samuel, 2 Samuel, 2 Samuel and 1 Kings, respectively.

Answers: Kiriath-Jearim  
Obed-edom  
Jerusalem  
Solomon

16. Name the River, 30-20-10

30 At a length of 1,700 miles, it is the 29th longest river in the World. It's incredible course takes it through 3 different countries and its drainage basin covers 626,000 square miles that includes 24 major tributaries.

20 Though it snakes through southern Tibet, it misses Bhutan altogether on its path south to the seas.

10 Once it leaves Tibet, it flows through India and finally empties into the Bay of Bengal -- right near the mouths of the Ganges.

Answer: The Brahmaputra

17. Sure you know all about Lincoln's assassination. But what about the events right after? Identify -- for 10 points each:

1. The Lincoln cabinet member that survived a separate assassination attempt by a man who attacked him at his home with a knife.

Answer: William Seward

2. He -- not vice president Johnson took charge in Washington when martial law was announced.

Answer: Edwin Stanton

3. John Wilkes Booth was shot and killed in this Virginia town just 12 days after he assassinated Lincoln.

Answer: Bowling Green

18. Surely you've seen the soothing commercials for the compilation CD Pure Moods. But were you paying attention? Identify the artist that performs these Trevor-faves for 5 points a piece.

1. Sadness

Enigma

2. Orinoco Flow (Sail Away)

Enya

3. Sweet Lullaby

Deep Forest

4. Yeha-Noha (Wishes of Happiness and Prosperity)

Sacred Spirits

5. The Theme from Twin Peaks - Fire Walk With Me

Angelo Badalamenti

6. My Wife with Champagne Shoulders

Mark Isham

19. Identify the author 30-20-10

30 Born in 1774, he was an active translator and historian, translating Amadis de Gaul in 1805 and writing a History of the Peninsular War in 1823 among many other projects.

20 Ambitious epic poems were his chief stock of trade with The Vision of Judgement being his last of his principal poems in 1821.

10 Considered one of the hardest English poet laureates, he held that post for the last

30 years of his life from 1813 to 1843. He died 42 years after his exotically titled Thalaba the Destroyer was published in 1801.

Answer: **Robert Southey**

**20.** Our genetic code features certain repetitions that allow for easier memorization. Therefore -- given some information about certain codons that code for an amino acid, identify that amino acid for 10 points or for 5 points if you need that amino acid's common one-letter abbreviation.

1. 10 Anytime a codon begins with Uracil in the first position and Cytosine in the second position -- then that codon will code for this amino acid.

5 Its one letter abbreviation is S.

Answer: **Serine**

2. 10 Anytime a codon begins with Cytosine in the first position and Guanine in the second position -- then that codon will code for this amino acid.

5 Its one letter abbreviation is R.

Answer: **Arginine**

3. 10 Any codon with Guanine in the first position and Uracil in the second will code for this amino acid.

5 Its one letter abbreviation is V.

Answer: **Valine**