

TOSSUPS -- ROUND 5 CENTER OF THE KNOWN UNIVERSE OPEN/ROLLAPALOOZA 1999

1. The material was known to the Romans; then word of it was brought to the forgetful Europeans by Marco Polo in the 13th century. It was first commercially mined in Quebec and later in South Africa and the USSR. Its name comes from the Greek word for "inextinguishable", and this group of naturally occurring hydrated minerals has over 3,000 different documented applications. As early as 1890 - 1895 when 16 of 17 employees at a French plant died, its negative health effects started becoming apparent. Not to be deterred by a few deaths, this fiber saw its peak in the late 1970s when annual usage surpassed total pre-1930 application. FTP, what is this carcinogenic flame retardant fiber?

Answer: **asbestos**

2. Professor Pierre Aronnax, the story's narrator, boards an American frigate sent to investigate a series of attacks on international shipping. His own ship is sunk, and he is imprisoned along with his devoted servant Conseil and the temperamental harpooner Ned Land. They then spend a year on a worldwide undersea adventure aboard the submarine *Nautilus* with the enigmatic Capt. Nemo. FTP name this novel by Jules Verne.

Answer: ***Twenty Thousand Leagues Under the Sea* [or *Vingt Mille Lieues sous le mers*]**

3. Another econ term introduced by Alfred Marshall, this one gave Charlie the chance to use Dr. Seuss' *The Lorax* in an MBA course. When the Once-ler made thneeds, he reaped the profits without having to pay for the environmental damage wreaked by the unwanted byproducts gluppity-glup and schloppity-schlopp. Thus there's a failure of private costs or benefits to equal social costs or benefits, causing economic inefficiency. FTP give the term for economic activities which affect, for good or bad, parties who are not a part of the activity.

Answer: **externality (-ies)**

4. The opposing commanders here were not only officially colleagues but also former brothers-in-law. With 20% more ships, and larger ones at that, Antony gambled everything on one grand naval battle, but Octavian's lighter Librunum vehicles proved more mobile and thus more effective. FTP name this crucial naval battle off Epirus in 31 B.C.

Answer: **Actium**

5. As introduced by an Alabama senator, it originally outlawed the practice of charging different customers different prices for the same goods, as well as interlocking directorates and acquisition of stock in one company by a competing company, but the final version passed in 1914 included the phrase "where the effect may be to substantially lessen competition." Nonetheless, it represented a dramatic strengthening of the earlier Sherman Act of 1890. FTP name this trust-busting congressional Act.

Answer **Clayton Anti-Trust Act**

6. He was an oddity: a great painter who also enjoyed a long, full, and happy life. Born in Westphalia where his father had been exiled, he was later a diplomat for the Spanish king and received commissions from the French court as well. After 10 years in Italy he returned to his ancestral hometown, Antwerp, to find himself already renowned there; this led him to establish a studio with such pupils as Frans Snyders and Jan Brueghel. FTP name the painter of *Battle of the Amazons*, *Marie de Medici*, and *Descent from the Cross*.

Answer: Peter Paul **Rubens**

7. After earning degrees from the University of Prague in math & physics, this Croatian worked to establish new meteorological stations and free them from governmental control. He shifted his interest to geology shortly after the turn of the twentieth century, and owes his fame almost entirely to his detailed investigation of the Kulpa Valley earthquake of October 8, 1909. He correctly interpreted S and P wave patterns to find that there was an outer layer to the Earth and another layer below. FTP give either his name, or the shortened form by which we know that crust/mantle interface which he discovered.

Answer: Andrija **Mohorovicic** or **Moho**

8. Among this American's best-selling, if not most distinctively titled, poetry collections are *Poems* (1821), *Poems* (1832), and *Thirty Poems* (1864). Despite his publisher's lack of imagination, the poet himself produced works full of stark images such as "Rizpah," "A Forest Hymn," "To a Waterfowl," and "Thanatopsis." FTP name him.

Answer William Cullen **Bryant**

9. It followed a personal truce between the king and the Duke of Mercoeur, who had for a time turned Brittany into a pro-Spanish stronghold. Universities, charitable institutions, and civil offices were to be open to all regardless of creed, and Protestants were allowed to open their own schools and cemeteries in the towns where free worship was allowed. FTP name this decree issued by Henry IV in 1598, giving greater toleration to his Huguenot subjects.

Answer: the **Edict of Nantes**

10. His new album, under his real name, goes for a sort of thrash-punk sound. Yawn. Some of his lesser known works include "Life is a Fantasy," "Havin' a Roni," and "Rosta Man." He appeared in *Teenage Mutant Ninja Turtles II: The Secret of the Ooze*. Claiming to be from the streets of Miami and Dallas, he also claimed he was a motocross champion, which he was not. FTP, name this rap star whose 1990 platinum single "Ice Ice Baby" inexplicably rocketed him to stardom.

Answer: **Vanilla Ice**

11. In 1677 his Hebrew Grammar was published. His 1670 book *Treatise on Religious and Political Philosophy* discusses a kind of pantheism. He may be best recalled for the work called *Ethics* and for being a Jewish-Dutch lensgrinder. FTP, name this philosopher.

Answer: Baruch (Benedict) **Spinoza**

12. One of his stranger theories was that life arrived here from outer space, probably on meteorites. His work with message transmission by submarine cables led to his establishment as a leading authority in the field. He invented the reflecting galvanometer and the siphon recorder, but it best known for something really, really cool. FTP name the developer of the scale for absolute temperature.

Answer: William Thomson, Lord **Kelvin** (acc. Thomson)

13. Like Kilimanjaro, it's an extinct volcano with snow-capped twin peaks. The cultivated lower slopes give way between 5,000 and 15,000 feet to dense woodlands inhabited by leopards and elephants, then to glaciers near the top. FTP name this mountain just south of the equator the second highest in Africa, which shares its name with the nation it lies in.

Answer: Mt. **Kenya**

14. The apparent pregnancy of girlfriend Sally Athelney, forces the clubfooted protagonist to reexamine his life; even though she turns out not to be pregnant, Philip Carey, chooses to marry her anyway. This was an improvement on his humiliating relationship during medical school with the selfish waitress Mildred Rogers.

FTP name this semiautobiographical 1915 novel by W. Somerset Maugham.

Answer: **Of Human Bondage**

15. His interest in Asian occult themes was so strong that he learned Sanskrit to read the Hindu texts in their originals. Hindu scales fascinated him too, and both interests can be seen in his opera *Savitri* and his *Hymns for the Rig-Veda*. FTP name the composer of the orchestral works *Egdon Heath* and *The Planets*

Answer: Gustav **Holst**

16. The only U.S casualty there on Mar. 16. 1968, accidentally shot himself in the foot. Although the 1st platoon of Charlie Company entered the town without being fired upon, they systematically killed between 400 and 500 civilians there. FTP name this small town in Quang Nai province of Vietnam, site of the war's most notorious incident.

Answer: **My Lai**

17. Robert Fick hit the last home run there; Dean Palmer got the last hit; and Todd Jones recorded the last out. Indeed, the home team left happy, beating the Kansas City Royals 8-2 on September 27 of this year. For 10 points, identify the stadium in which these events took place, formerly known as Navin Field and Briggs Stadium, but always residing at the corner of Michigan and Trumbull.

Answer: **Tiger Stadium**

18. He defined a bad leader as one who ignored the people's welfare and treated them unkindly and said the people would be justified in deposing or killing one. He was born in the state of Zou in modern-day Shantung; we know little else about this 4th century B.C.E. philosopher. FTP name this Confucian, best known for the then-novel assertion that human nature is good.

Answer: **Mencius** or **Meng Ke**; do not accept Meng-Tzu or Mengzi (that's his book)

19. Also known as the dictyosome, it may contain up to 30 cisternae, although more typically it's about six. In pnat cells, both organic and inorganic scales are formed here before being transported to the periphery. In animals, it unites or disunites sugar units with proteins and then wraps them and secretes them through vesicles. FTP name this organelle, named for its discoverer, co-winner of the 1906 Nobel in Medicine and Physiology.

Answer: **Golgi apparatus** or complex or body

20. Family financial problems forced him to leave Harvard and take a job as a subway construction timekeeper; eventually an admirer, Pres. Teddy Roosevelt, found him a sinecure at the U.S. Customs House. He devoted years to long blank-verse narratives on Arthurian legends, but he's better remembered for short poems, many set in Tilbury Town. FTP name the author of "Many Are Called", "Mr. Flood's Party," "Richard Cory," and "Miniver Cheevy."

Answer: Edwin Arlington **Robinson**

21. In 1807, he was made governor of Louisiana Territory. He had been a personal secretary of Thomas Jefferson. He had taken the Marias River in returning from Fort Clapstock. His 1809 death at an inn along the Natchez Trace is shrouded in mystery, but his expedition with William Clark is not. FTP, name him.

Answer: Meriwether **Lewis**

answer: **Musetta**

6. Given a Chinese emperor, name the dynasty during which he ruled FTPE:

A. The legendary Emperor Yu

answer: **Hsia**

B. Kublai Khan

answer: **Yuan**

C. Shih Huang-ti

answer: **Ch'in**

7. Rumors are swirling about the cast of the live-action film versions of "The Lord of the Rings" trilogy, and who will be playing whom. According to the official press releases, only two roles are set – Frodo and Samwise. For 10 points each, identify the actors, one a veteran of *Deep Impact* and *The Faculty*, the other from *Bulworth* and *Rudy*, who are playing those characters.

Answer: Elijah **Wood** & Sean **Astin**

For an additional 10 points, name the venerable British actor, who goes from Magneto in the upcoming *X-Men* to Gandalf in *Lord of the Rings*, star of 1995's *Richard III* and 1998's *Gods and Monsters*.

Answer: Ian **McKellen**

8. As noted literary critics LFO wrote in their epistemological essay "Summer Girls", "When you take a sip, you buzz like a hornet / Billy Shakespeare wrote a whole bunch of sonnets." For 10 points each, give the number of the Shakespearean sonnet given its first line – if you are within 3, either way, you'll get 5 points.

a) "My mistress' eyes are nothing like the sun"

Answer: 130 [5 pts. for 127-133]

b) "Shall I compare thee to a summer's day?"

Answer: 18 [5 pts. for 15-21]

c) "Let me not to the marriage of true minds"

Answer: 116 [5 pts. for 113-119]

9. Identify the following about the death of Sydney Carton in *A Tale of Two Cities*.

A. Carton takes the place of this descendant of Evremonde.

answer: Charles **Darnay**

B. Both Darnay and Carton are in love with this woman

answer: Lucie Manette; accept either

C. The plea for clemency by Doctor Manette is overwhelmed by the Revolutionary fervor of this woman.

answer: Madame **Defarge**

10. 30-20-10, name this man.

30) He, and not Marconi, was the first to broadcast and receive radio waves.

20) His nephew Gustav won the 1925 Nobel Prize in Physics, for an experiment which proved that quantum theory.

10) The SI unit of frequency is named for him.

Answer: Heinrich **Hertz**

11. Identify these geologists from clues FTP each.

A. This man, considered the father of modern geology, formulated the principle of uniformitarianism in his *Theory of the Earth*.

Answer: James **Hutton**

B. He supported Hutton's theories and wrote the monumental *Principles of Geology*.

Answer: Charles **Lyell**

C. His book *The Origin of Continents and Oceans* posited the theory of continental drift

Answer: Alfred Wegener

12. Given a sculpture by a twentieth century artist, name him FTP each.

A. Soft Typewriter

answer:

Claes **Oldenburg**

B. Bird in Space

answer:

Constantin **Brancusi**

C. Nuclear Energy

answer:

Henry **Moore**

13. The '80's were full of one-hit wonders. Given an album that contained a one-hit wonder, name the song FTP each. You will get 5 points each if you need the artist.

A10 Too-Rye-Ay

A5. Dexy's Midnight Runners

answer: **Come On Eileen**

B10. Word of Mouth

B5. Toni Basil

answer: **Mickey**

C10. White Feathers

C5. Kajagoogoo

answer: **Too Shy**

14. Answer the following related questions for the stated number of points.

15) Name the rigid Reconstruction bill passed by the US Congress in 1864 but pocket vetoed by Lincoln, which would have instituted harsh reparation measures against states that returned to the Union after the Civil War.

Answer: **Wade-Davis Bill**

10) Name the transliteration system, since superseded by the Pinyin System, for writing Chinese names in Roman characters.

Answer: **Wade Giles**

5) Name the 1973 Supreme Court case that made Norma McCorvey a household name.

Answer: **Roe v. Wade**

15. The World Wildlife Fund identified in 1997 the 10 species that, despite national and international protection, are particularly threatened by illegal and unsustainable trade. For 10 points each, given a description of three, name them.

a) Huso huso, it is found in the Caspian Sea, and is highly prized for its caviar. However, it must be killed to get the caviar, and illegal catches now represent 90% of all catches in the Caspian.

Answer: **Beluga** sturgeon

b) Either of two species of genus Isurus, it is also highly prized as a food source; the meat from this shark is considered a delicacy, as is the fin in some Asian markets.

Answer: **Mako**

c) The only plant on the list is Swietenia macrophylla King, it has been nearly eradicated from Mexico to the Amazon basin, due to European and American demand for furniture from this tree.

Answer: Big Leaf **Mahogany**

16. Identify these members of the Romanov dynasty FTP each.

A. In 1613, he became tsar, beginning the dynasty.

Answer: **Michael**

B. From 1682-89, he ruled jointly with Ivan V, he then reigned on his own until 1725.

Answer: **Peter I** or **Peter the Great**

C. The daughter of Peter I and Catherine, she gained the throne in 1741. She fought against Frederick II of Prussia in the Seven Years' War.

Answer: **Elizabeth**

17. 30-20-10, name the playwright from works.

30) *In the Jungle of Cities* and *Galileo*

20) *The Caucasian Chalk Circle* and *The Good Woman of Szechuan*

10) *Mother Courage and Her Children* and *The Threepenny Opera*

Answer: Bertolt **Brecht**

18. Given the members of a trio of Greek myth, name the group FTP each.

A. Enyo, Deino, and Pemphredo

answer: **Graeae**

B. Eunomia, Dike, and Irene

answer: **Horae** or the **Hours**

C. Euphrosyne, Aglaia, and Thalia

answer: the **Graces**

19. 30-15, give the common name, first and last.

30) One was a British theologian, archdeacon of Carlisle, and author of *Natural Theology*, or *Evidences of the Existence and Attributes of the Deity*.

15) The other bought the struggling United Independent Broadcasters in 1928 and turned them into CBS.

Answer: **William Paley**

20. After its official adoption in 1777, the US flag has undergone 26 re-designs, each time because of the addition of one or more new states. Twice, in 1818 and again in 1890, the flag was re-signed to accommodate five new stars. 5 points each, and a 5 point bonus for all correct, name the five states that were symbolized by the new stars in either 1818 or 1890.

Answer: 1818 -- Tennessee, Ohio, Louisiana, Indiana, Mississippi

1890 -- North Dakota, South Dakota, Montana, Washington, Idaho