

Deep Bench 2001 Tossups 1 by Chris Malone, edited by David Levinson

SCIENCE - CHEMISTRY/ PHYSICS

1. It is achieved by using temperatures of over 500 degrees Celsius and pressure approaching 21 million pascals. By combining these conditions with an iron catalyst, one can force fairly unreactive gaseous nitrogen to combine into ammonia. FTP, this describes what process pioneered during World War I, used to produce mass quantities of ammonia.

Answer: Haber Process

HISTORY - AMERICAN

2. The British squadron under the command of Commodore Robert Barclay confronted the American forces at Put-in-Bay, Ohio. The U.S.S. Lawrence engaged in heavy bombardment with the British, and despite sustaining severe damage, managed to inflict much as well. After the fight seemed pitched, with the outnumbered and outgunned Americans in a losing position, Perry transferred his flag to the nearby and unscathed USS Niagara, broke the British line, and FTP won what famous Great Lakes battle of 1813?

Answer: Battle of Lake Erie

SOC. SCIENCE - GEOGRAPHY/DEMOGRAPHY

3. It was said to be the home of the shark goddess Ka'ahupahau, guardian of the precious fishponds of her native people. It was considered a suitable port by Captain Cook both because of large coral bars that obstructed its entrance, and because of the tremendous quantity of oysters, bearing the object that gives this place its name. FTP, identify this harbor that became the target of a Japanese attack on December 7, 1941.

Answer: Pearl Harbor

LITERATURE - ENGLISH LANGUAGE (non- US)

4. In 1916 he was accepted at Oxford University, but took up arms to serve in the British Army during World War One. After the war, he graduated and accepted a job teaching at Magdalen College in Oxford and also became a writer of such works as *The Pilgrims Regress*, *The Allegory of Love*, and *Out of the Silent Planet*. FTP, identify this writer of *The Screwtape Letters* and *The Chronicles of Narnia*.

Answer: C(live)S(taples) Lewis

HUMANITIES - MYTHOLOGY/BIBLES

5. Its name literally means "swift tusked", although it is also an alcoholic drink made by making a pink squirrel with a generous splash of bitters. Its soul purpose is to run up and down Yggdrasil, carrying abusive language from the dragon Nidhog at the bottom to the eagle on the top of the tree, and vice versa, until Ragnarok. FTP, identify this Squirrel of discord.

Answer: Ratatosk

HISTORY - EUROPEAN

6. W.H. Bury, Frederick Deeming, "The Lodger", Lewis Carroll, Inspector Aberdine, the alternate "Jill" hypothesis, George Chapman, The Masonic Conspiracy, and the Royal Conspiracy are all theories related to a singular event in history. FTP, identify this killer, responsible for between 5 and 20 deaths in the Whitechapel district of London in 1888.

Answer: Jack the Ripper

LITERATURE - EUROPEAN

7. One character, while trying to retrieve his pet parrot from a tree, plummets to his death. It also involves such strangeness of Florentino and Fermina, as both decide to take a boat ride down a river, and are slowly drained and poisoned, hoping to hear the manatees but instead preparing to sail on forever. It also includes the titular disease, which the character Dr. Juvenal Urbino works to cure in Central America. FTP, this describes what novel by Gabriel Garcia Marquez?

Answer: Love in the Time of Cholera

MISCELLANEOUS - CURRENT EVENTS

8. Ironic members of the ACLU, pagans, atheists, and gays have blamed this man's presence in the United States for the attacks of September 11, 2001. ** He felt his call to ministry in 1952, making his profession of faith in Lynchburg while attending the college there. After four years of seminary and 44 years of preaching and televangelism, he earned the simple title from The Onion "Is this guy a jerk or what". FTP, identify this American Christian leader who blamed the ACLU, pagans, atheists, and gays for the attacks on September 11, 2001.

Answer: Jerry Falwell

HISTORY - ANCIENT

9. Although the foundation of this structure was built in Seventh Century BCE, it earned its fame in 550 BCE. It was then that the Lydian King Croesus convinced the Greek architect Chersiphron to design it. It met its untimely demise on July 21, 356 BCE when Herostratus burned the temple to the ground in an attempt to immortalize his name. Plutarch later said that the title goddess was too busy watching over the birth of Alexander the Great to stop the destruction of FTP what wonder of the ancient world?

Answer: The Temple of Artemis (or Diana) at Ephesus.

HUMANITIES - FILM/VIDEO/STAGE

10. Tin-Tin is a knife wielding sociopath who ends up being perforated by his own knives, with each of his internal organs being hit in alphabetical order, no less. Funboy is a heroin addict and general abuser who is forced to OD. Skank is just a wired little guy who is used as bait to draw in the hero, and dies in the ensuing gun battle. T-Bird is the leader of the gang who dies in a fiery car wreck. These are all FTP the villains responsible for the death of Shelly Webster and Eric Draven, in what film?

Answer: The Crow

SCIENCE - BIOLOGY

11. The creation of this substance begins when the pyruvic molecules formed in glycolysis enter the mitochondria. The pyruvate then undergoes oxidative decarboxylation, where it is formed, along with carbon dioxide and NADH. FTP, identify this key organic compound which is fundamental for the beginning of the Krebs Cycle.

Answer: Acetyl Coenzyme A

MISCELLANEOUS - GENERAL KNOWLEDGE

12. Suggested by Eugene McDonald, the founder of Zenith Radio Corp in 1950 as a means to avoid ads, the original model was called Lazy Bones and sold for \$355 in today's dollars. Its two buttons controlled power and frequency while tethered by a thin cable. Later models included the Flash-matic and Space Command. For 10 points -- what product promised "Prest-o! Change-o! Just Press a Button ... to Change A Station!"

Answer: the television remote control

HISTORY - WORLD

13. Its participants brought over 30,000 firearms, 38 mortars, almost 2 million bullets, and almost 86,000 hand grenades. Although its opponents numbered 300,000 soldiers, most of their leaders agreed to “just ignore” this movement that was passing through. FTP, identify this event in Chinese history, led by Mao Tse Tung.

Answer: The Long March

HUMANITIES - MUSIC/DANCE

14. It is a folk dance, highly improvisational in nature, with over 50 known steps. It is characterized by stamping of feet, clicking of heels, and is traditionally danced to the music of bagpipes. The music is in three – fourths or three - eighths time, with special emphasis on the second beat. FTP, identify this Polish circle dance, favorite of Chopin.

Answer: Mazurka

MISCELLANEOUS - SPORTS/GAMES

15. Get four friends together. Place the two plastic rings thirty feet apart from one another. Attempt to hurl the titular device through the hoop, scoring 3 points for landing it within the circle and 1 for landing it within one length away, first one to eleven wins. Do all of this, while trying not to impale your friends, and you have successfully played, FTP, what popular outdoor game responsible for over 6700 injuries in a 9 year period.

Answer: Jarts or Lawn Darts

SCIENCE - GEOLOGY/METEOROLOGY/ENVIRONMENT/ASTRONOMY

16. Henrietta Leavitt worked in the Harvard Observatory determining the magnitude of 25 of them in the Large and Small Magellanic clouds, when she noticed that there was a significant correlation between their period and their apparent magnitude. They are members of the pulsating variable class of variable stars but are very rare when compared to the population density of other types of stars. FTP, identify these star types, the measuring sticks of the universe.

Answer: Cepheid Variable Stars

SOC. SCIENCE - SOCIOLOGY/ARCHEOLOGY/ANTHROPOLOGY/PSYCHOLOGY/LINGUISTICS

17. He was voted the most handsome psychologist in the APA, and still is considered to be one of the most charismatic and influential, even after his death in 1958. It was because of his charisma that he became the spokesperson of behaviorism, and set the tone for their monistic view of consciousness, memory, and language. His own theory of behaviorism stressed the importance of adaptive activity and shied away from the Stimulus-Reaction connection theories touted by Thorndike. FTP, identify this pioneer of behavioralism, best known for his fear experiments on Baby Albert.

Answer: John B. Watson

MISCELLANEOUS - FRINGE CULTURE

18. He used to be a roadie for Metallica, but prefers the sounds of BTO and Jethro Tull, and hates the Eagles. His hobbies are driving around, bowling, and the occasional acid flashbacks. He has no wife or girlfriend, and insists that Maude is just his “fucking lady friend”. He probably doesn’t think he has any enemies, but Jesus Quintana, Jackie Treehorn, the Chief of Police of Malibu, and a group of Nihilists seem to have it out for him. This describes, FTP, what white russian-sipping Coen brothers’ creation?

Answer: The Dude (grudgingly accept Jeff Lebowski, but DO NOT ACCEPT the Big Lebowski, as the Big Labowski is played by David Huddleston and is a different character entirely)

HUMANITIES - ART/ARCHITECTURE

19. It was thought to be a love machine, but it is actually a machine of suffering, symbolizing a bride hanging by a rope, or perhaps crucified, split in two never to be rejoined. Below, there are supposedly two men, who are left to anguish as they watch their love be tortured. FTP -- This describes what painting, the most common example of Dada, by Marcel Duchamp, also known as The Large Glass.

Answer: The Bride Stripped Bare by her Bachelors, Even (accept The Large Glass until it is spoken)

LITERATURE - NON-EUROPEAN

20. His take on Arabian Nights is both brutal and surprising, with Aladdin being decapitated for his crimes. His most famous work delves into the life of a Cairo family intertwined in the struggles of life from 1920 through World War II. FTP, Identify this Egyptian writer and Nobel winner of the Cairo Trilogy.

Naguib Mahfouz

EXTRAS

SOC. SCIENCE - ECONOMY/BUSINESS

Just as firms don't maximize profits at the highest prices, governments may not maximize revenue with the highest tax rate. It is possible that the income tax rates are already too high, and thus by lowering income tax rates the revenue from taxes may be increased. This is, FTP, the general idea behind what economic curve popular during the Reagan Administration.

Answer: Laffer Curve

LITERATURE - AMERICAN

Captain Scott is a grizzled sea captain, eager to go on a voyage with his nephew, Robert. James is the father of Robert, who feels that his son would do good to get out, while the brother Andrew takes care of the farm and prepares to take it over. These are, FTP, characters from what 1920 Eugene O'Neil play?

Answer: Beyond the Horizon

SOC. SCIENCE - POLITICAL SCIENCE /LAW / GOVERNMENT

He is a Democrat, a party that even Mormon Republican colleague Sen. Orrin Hatch has suggested is out of favor with the almighty. Despite his political alignment and responsibilities, he still manages to return to his hometown of Reno to attend the Mormon services there. His past has been a busy one, even going so far as to convert the vacillating Jim Jeffords from the Holy Light of the Republicans to the darkside, thus rising to the rank he currently holds. This is, FTP, what second-hand man to Tom Daschle, the Senate Majority Whip?

Answer: Senator Harry Reid

HUMANITIES - PHILOSOPHY/THEOLOGY/EDUCATION

The American strand of this philosophy was inspired by the Darwin and thus stressed the adaptive purpose of the human mind, and not the actual content of it. James Angell, one of it's pioneers, believed that we did not store experiences in our heads for recognition of the same experience in the future because the original experience never is and never can be literally duplicated. John Dewey believed that experiences were incorporated into our mental description of a thing, but not necessarily associated with that thing in a causal relationship. FTP, identify this school of thought, the opposite of structuralism.

Answer: Functionalism