

The First Annual Tournament in Commemoration of R. "Robot" Hentzel's Conquest of Kilimanjaro
Packet by Evan Adams, William Butler

1. In February of 1964 a group of engineers, architects and historians met in the Azores to discuss doing this. They found that sunlight was causing stonework to expand and contract, but it wasn't until May of 2008 that a team announced that they had used 26 million Euros, ten years, and 70 tons of earth to accomplish this task. Early efforts to do this by building higher floors on one side backfired, (*) and Mussolini tried to do this with concrete. For 10 points name this feat that lame tourists pretend to do while visiting a certain Italian city's belltower.
ANSWER: Stabilizing the Leaning Tower of Pisa accept anything close

2. It was cited in Justice Breyer's dissent in *Eldred v. Ashcroft*, since rights to it will not run out until 2030 (*), 137 years after its creation. Currently a property of Time Warner, in G major the opening motif is G G A G C B which in its second repeat changes the C B to a D C. The final time that motif is repeated, it is done an octave higher. FTP identify this song that you might sing denoting that the great joy imparted by incrementing your age counter.

ANSWER: Happy Birthday

3. In one of his novels, the title structure is a metaphor for the land which must never be divided and another concerns a powerful mideval ruler who rapes the beautiful commoner Zabiba. In addition to *The Fortified Castle* and *Zabibah and the King*, he wrote of a brave (*) Arab who thwarts a Zionest-Christian conspiracy by destroying two towers in *Begone Demons*, and in *Men in the City* he wrote about the rise of the Bathist Party in Tikrit. For 10 points name this late author and dictator.

ANSWER: Saddam Hussein

4. **Stargate** (*) SG-1 has a third season episode titled this, in which Daniel Jackson's Grandfather finds one that takes him to see the "giant aliens". A May 2008 study shows that the ones in the Smithsonian and British museums, from the collection of Eugène Boban, are fake. A Soviet plot involving a real one however, was stopped when Dr. Jones returns it to Akator. FTP identify these parts of alien skeletons.

ANSWER: Crystal Skull

5. Coming shortly after the creation of the One Big Union, and it was opposed by the Citizens' Committee of 1000. Senator Gideon Robertson, the minister of labour, and and Arthur Meighen, the minister of the interior were sent to negotiate, but soon came Bloody Saturday and the arrest of J.S. Woodsworth. 30,000 workers left their jobs, during FTP what spring 1919 labour conflict that crippled the capital of Manitoba. (*)
ANSWER: The Winnipeg General Strike

6. Pencil and PAPER READY!!!!!!! Thomas is on scavenger hunt. He has collect all of the items necessary to open the magical chest at the end of it. To figure the keycode to unlock the chest he must complete the following computation based on the items he has found. This may seem difficult at first, but to get the first number multiply the number of symphonies Mozart may have written by the default port for telnet. Then add that quantity to the CVN number number designation of the U.S.S. Nimitz by the Third Fermat Prime. Finally, divide that number by three.. FTP (*) what is the keycode rounded to two significant figures.

ANSWER: 3.2x10^2 (41 Mozart symphonies times 23=943, + ((CVN-68 / 17) =4) = 947 / 3 = 315.6667)

7. It is a L-class Mission and will include a Cryogenic Imaging Spectrometer which is a "A TES microcalorimeter array with a FOV of 40" diameter and an energy resolution, ΔE , of 2-6 eV." It will assume a halo orbit around the L2 point, using two different satellites, with the mirror space craft containing the x-ray optics. A successor to XMM-Newton, this is FTP what x-ray observatory that won't be launched until 2018 whose name is a combination of the abbreviations for (*) xenon and the United States.

A: X-ray Evolving Universe Spectroscopy

8. As the protagonist enters Tull he hears *Hey Jude* being played on a honey tonk piano. While using a Handcar, the main characters are attacked by the (*) Slow mutants who inhabit a mountain tunnel. The protagonist sacrifices Jake so he can catch up with the Man in Black who goes by such names as Walter o'Dim or Randall Flagg. FTP identify this first novel of the Dark Tower Series.

ANSWER: The Gunslinger (prompt on The Dark Tower before mentioned)

9. According to Secretary of Transportation Mary Peters, he switched to a hydrogen (*) animal hybrid system in 2006. In December 2004, NORAD put Richard Dean Anderson on a Team to track down this man, a difficult task as he seemed to go everywhere in one night. Impersonated by Tim Allen on three separate occasions, this is FTP this jolly fellow who if you are good may bring you Settlers of Catan for Christmas.

ANSWER: Santa Claus

10. His father, Antoine, was a judge judge at Pont-de-Noblac and this man owned some property in the neighborhood of St. Léonard. He was admitted to the École Polytechnique in 1797 and three years later he transferred to the École des Ponts et Chaussées. He was elected to the Chamber of Deputies from Haute Vienne in 1831, but that's not what he's really famous for. FTP identify this man who liked to take balloon rides with Jean-Baptiste Biot and said that the pressure and (*) temperature of a gas are directly related.

ANSWER: Joseph-Louis Gay-Lussac

11. Chongjin in North Korea in 1993, Mazar e Sharif in Afghanistan, Tabriz in Iran, Fortaleza in Brazil, Tianjian in China (*), Pretoria in South Africa, Perth in Australia, Puebla in Mexico, Ottawa-Gatineau in Canada, Houston in the United States. For 10 points name this location that often has fewer people than the third largest city.

ANSWER: 4th largest city

12. In 2000, the IHO had part of it removed to create a new entity. Being 5.5 times larger than the U.S., it has a capacity of $8.03247624 \times 10^{18}$ imperial bushels. Ridges along it sepearate it into three sections the Antardis, (*) African, and the Australasian. Islands in it include the Mafia Island, the Chagos Archipelago, and Zanzibar. FTP identify this body of water that has rivers such as the Indus and the Ganges flowing into it.

ANSWER: Indian Ocean

13. Mark Fuller and Claire Kahn are responsible for the overall conception of this venue, along with its owner. Performances given here have included Gayaneh, Rhapsody on a Theme of Paganini, and Madonna's rendition of Santa Baby. Singin' in the Rain, might be the best known enactment at this Steve (*) Wynn operated attraction. FTP identify this Las Vegas landmark designed by WET which uses water to enact various pieces of music in front of a namesake hotel.

ANSWER: Bellagio Fountains (accept anything that includes Bellagio and fountain)

14. Its Speaker wants everybody to listen to him, because as he puts it, "I'm going to say this again". He doesn't actually say it again, perhaps because "I need to go back to work". Preceding the phrase "I never told anybody to lie, not a single time. Never.", the speaker was later shown to be an (*) unreliable narrator. FTP give this phrase about a certain "Miss Lewinsky".

ANSWER: I did not have sexual relations with that woman, Miss Lewinsky. (do not accept I did not have sex with that woman)

15. Keith Galbraith employed this move but eventually lost to Gary Schaefer in the 2007 World Championships. In his Dress to Kill, Eddie Izzard claimed that Hitler was afraid of this strategy. In a (*) Lost episode, Hurley claims that this is the key to the whole game, and someone employing it will often hold Siam while gaining an additional two armies per turn. For 10 points name this common Risk strategy that involves holding a certain down under continent.

ANSWER: Australia Gambit or Australia Strategy (accept equivalents)

16. It's characters include Jaggers, a lawyer hired to oversee the main character, Pip, as he rises to the upper class. Other characters include Abel Magwitch, Miss Havisham, Estella, Joe Gargery, Joe Gargery, Herbert Pocket, **Dolge Orlick, Uncle Pumblechook, Compeyson, Bentley Drummle, and Mr. Wopsle (*)**. FTP identify this novel that you've probably already buzzed on.

ANSWER: **Great Expectations**

17. **In 2006 Taiwanese scientists used genetic material from a jellyfish to create one of these and in Norse mythology a bet between Loki and (*) Brokk and Etri produced one of these named Gullinbursti.** For 10 points name this class of porcine animals that can provide light.

ANSWER: **Glow in the Dark Pig** prompt on golden pig or boar or green pig etc

18. **Now That's What I Call Music, Marks and Spencer, Microsoft, 3M, Lufthansa, Jeep, Panasonic, Crate and Barrel, Greyhound, Target, American Airlines, American Apparel, the New York Transport Authority, the US television rating system, Federal Income Tax forms, and NASA Space Shuttles. For 10 points of all these institutions use which pervasive font named after the (*) Latin name for Switzerland.**

ANSWER: **Helvetica**

19. They **count among their members Carol Myers-Scotten and George W. Bush. Much has been debated on whether Dennis Kucinich and Jimmy Carter truly belong with the rest of them. People who tried to escape this distinction but failed miserably include (*) Wan Hu and Christa McAuliffe.** FTP identify this group of people that despite the tiny multi billion dollar cost have never been beyond the exosphere.

ANSWER: **People Who Have Never Been into Outer-Space**(accept equivalents)(prompt on "Landlubbers")

20. **Following a surprise visit from Superintendant (*) Chalmers, Principle Skinner locks Bart in the basement and orders him to guard one of these in a bottle. In another episode, Homer asks Mr. Burns if he plans on releasing dogs that shoot these when they bark. FTP name this insect, which gives its form to a costume worn by a man who talks in simple Spanish catchphrases while performing lowbrow slapstick.**

ANSWER: **Beeeeeeeeeeeeeeeeees!**

1. Identify these rivers of Narnia FTPE:

[10] This river cuts through the center of Narnia and passes by or through Beaversdam and the Fords of Beruna before entering the sea by Cair Paravel.

ANSWER: The **Great River** of Narnia

[10] This river makes up the northern border of Narnia. The marshes along it are home to the Marshwiggles.

ANSWER: River **Shribble**

[10] This river which joins with the Great River near the Fords of Beruna. Its name is similar with a kingdom to the south of Narnia.

ANSWER: **Archen** River

2. Identify these SI units FTPE:

[10] It is defined as the distance traveled by light in $1/299\,792\,458$ of a second.

A: **Meter**

[10] This is the SI unit of equivalent dose.

ANSWER: **Sievert**

[10] This is the SI unit that measures enzyme catalytic activity.

ANSWER: **Katal**

3. For 15 points each name these two people with something in common.

[15] In addition to writing *Castilian Days* and *Pike Country Ballads and Other Poems*, this guy preceded Elihu Root as Secretary of State and negotiated a key Panama Canal treaty.

ANSWER: John **Hay**

[15] According to Wikipedia this man's great wealth is a historical mystery that yet remains unsolved. He was a French engineer who was most famous for negotiating a key Panama Canal treaty.

ANSWER: Philippe Jean **Bunau-Varilla**

4. They give a civilization the ability to capture energy in throughout four pi steradians. FTPE

[10] This is what type of construct in that captures all solar energy from a sun.

ANSWER: **Dyson Sphere**

[10] This type of dyson sphere, is not actually a sphere. It is a set of rings made by a civilization not advanced enough to make an entire sphere.

ANSWER: **Type 1**

[10] In the Star Trek: The Next Generation episode "Relics", this starship crashes into a Dyson Sphere with Scotty onboard.

ANSWER: U.S.S **Jenolan**

5. It can be used as a diagnostic test for people who have had long term occupational exposure to hydrogen sulfide, FTPE

[10] Identify this technique which uses microencapsulation in an aqueous coat over inert binder.

ANSWER: **Scratch and Sniff**

[10] During Memorial Day 1998, this brand launched a scratch and sniff promotion where consumers could win prizes by finding smells of summer on products.

ANSWER: **Miller Lite**

[10] In the August 24th 2006 edition of Rolling Stone, Showtime placed an ad that when activated smelled suspiciously like this plant. Scientific name required.

ANSWER: **Cannabis sativa**

6. FTPE each answer these questions about these things that share nothing in common other than alliteration, being fake literature, oh and being answer choices to tossups in the same NAQT packet this year.

[10] She instituted the 100 year winter and turned a lot of furry creatures to stone. She is overthrown by the combined forces of the Pevensies, a lion that is suspiciously like Jesus, and beeeeeevers.

ANSWER:the **White Witch** (also accept Jadis)

[10] With her main base located in the heart of Winkie country, she got angry and started attacking people with flying monkeys after failing to get a role as an alien in the movie *Signs*.

ANSWER:The **Wicked Witch of the West** (do not accept Elphaba, Elphaba would never stoop so low as to audition for an M. Night Shyamalan flick)

[10] Ranked by Forbes magazine as the 11th richest fictional character ever, he uses his personal fortune to launch a counter crusade against the Vermicious Knids in the second novel in which he appears.

ANSWER: **Willy Wonka**(accept either)

7.Name the candy bar given a description.

[10] Like Almond Joy, it consists of a coconut based center; however, it is topped with dark chocolate instead of milk chocolate and has no almond in its center. Brendan Byrne may have memorized its ingredient list.

ANSWER: **Mounds** Bar

[10] It weighs 1.5 ounces and includes chocolate, caramel, and crisped rice. It takes its name from the amount of money Ken Jennings won on the gameshow Grand Slam.

ANSWER: **100 Grand**

[10] This bar, known as "Special Crisp" to NAQT and Canada, includes peanut-flavored crisp with a layer of caramel and a milk chocolate coating.

ANSWER: **Whatchamacallit**

8. 30-20-10 identify the treaty.

[30] The principles signers on one side were Jagajaga, Jagajaga, and Jagajaga

[20] The payment outlined in it was "one hundred Pair of Blankets, One Hundred Knives, One Hundred Tomahawks, Fifty Suits of Clothing, Fifty looking Glasses, Fifty Pair scissors and Five Tons of flour"

[10] This treaty made between a namesake Australian farmers and some locals gave him a lot of land around Melbourne.

ANSWER:**Batman's** Treaty(also accept the Concordat of Brindlee Mountain)

9. For 10 points give the periodic elements whose abbreviations spell the following words.

[10] Bees (with two e's)

ANSWER: **Beryllium and Einsteinium**

[10] Puck

ANSWER: **Plutonium Carbon Potassium** or **Phosphorus Uranium Carbon Potassium**

[10] Krypton

ANSWER: **Krypton Yttrium Platinum Oxygen Nitrogen**

10. FTPE identify within 10% the population of the following countries as of 2007.

[10]India

ANSWER:**1,129,866,154**(accept from 1,016,879,539 to 1,242,852,769)

[10]Belgium

ANSWER:**10,392,226** (accept from 9,353,003 to 11,431,449)

[10]Suriname

ANSWER:**470,784**(accept from 423,706 to 517,862)

11. Answer some not all that current events questions from 2005 for 10 points each:

[10] This Danish newspaper sparked riots all over the Muslim world after publishing an inflammatory cartoon.

ANSWER: **Jyllands-Posten**

[10] The most controversial Jyllands-Posten cartoon depicted the prophet Mohammed engaged in what act.

ANSWER: **Homicide Bombing** (grudgingly accept suicide bombing)

[10] This is the otherwise unimportant guy who drew the cartoon. Three men were recently arrested on charges of trying to kill him.

ANSWER: Kurt **Westergaard**

12. 5 for one, 10 for two, 20 for 3, or 30 for all 4 are the following Ralph Ellison characters, Star Wars characters, both or neither.

A. Adam Sunraider

ANSWER: Ralph **Ellison** (Juneteenth)

B. Boss Nass

ANSWER: **Star Wars**

C. Ras the Destroyer

ANSWER: **Ralph Ellison** (Invisible Man)

D. Nimdok

ANSWER: **Neither** (This is a creation of Harlan Ellison, not Ralph Ellison)

13. 5-10-15 Answer some questions about religion.

[5] This evil Semitic god has a name that roughly translates to "The Lord of the Flies"

ANSWER: **Beelzebub**

[10] This Jewish liberation movement in the 160 BCs established Jewish independence for about 100 years.

ANSWER: the **Macabean** revolt or the Macabeeeees

[15] On the Simpsons, Apu worships Ganesh. In the episode Homer's Barbershop Quartet Apu joins this group which sings Baby on Board.

ANSWER: The **B-Flats**

14. FFPE given a literary character give the genus in which it resides.

[5] Arthur Read

ANSWER: **Orycteropus**

[5] Nag

ANSWER: **Ophiophagus** (accept **Naja**)

[5] Urthstripe the Strong

ANSWER: **Meles** (if anyone protests, say that since Brian Jacques is from England, it's therefore an Eurasian badger)

[5] Edward Prendick

ANSWER: **Homo**

[5] Nemo from Finding Nemo

ANSWER: **Amphiprion** (grudgingly accept **Premnas** and tell the person they know too much about fish for their own good)

[5] Theorus

ANSWER: **Homo**

15. FTPE identify these international soap operas:

[10] This mexican telenovela which has been described as "the Mexican version of Beverly Hills 90210" is about of young people who hang out on the beaches of Acapulco. It started among others Diego Dreyfus as "Óscar Zubieta".
ANSWER: **Código Postal** (prompt on "Postal code", the prompt must be done is spanish or fake spanish)

[10] This 1997-2000 Canadian soap opera created by Yan Moore is summed up on an IMDB comment as "quintessentially Canadian"

ANSWER: **Riverdale**

[10] This 1975 Australian soap opera is about young people living in a commune that makes jeans that can be worn by both guys and girls.

ANSWER: **The Unisexers**

16. You are on a plane. You fly due east from Helsinki, Finland all the way around the world and back to Helsinki. For five points each name the six non-Finland countries you fly through.

ANSWER: **Russia, United States, Canada, Denmark, Norway, Sweden.**

17. Pencil and Paper Ready. A Function is given as $f(x) = 4x^2 - 10966/39$ (four x squared minus quantity ten thousand nine hundred sixty six divided by thirty nine end quantity). FTPE:

[10] What is the value of the function at $x = \sqrt{107679} / 39$ (the square root of one hundred seven thousand six hundred seventy nine divided by thirty nine).

ANSWER: **2**

[10] What is the value of the first derivative at $x = 1/4$ (one fourth).

ANSWER: **2**

[10] If $f(x)$ gives the number of real literature questions in an NAQT Tournament, with x representing the round number, how many real literature questions are there between the beginning of round one and the beginning of round fourteen assuming continuous integration.

ANSWER: **2**

18. FTPE based on the presidential first, name the president.

[10] Have a Christmas Tree in the White House:

A: **Benjamin Harrison**

[10] To be born in a hospital.

A: Jimmy **Carter**

[10] Have a stove in the White House.

A: Millard **Fillmore**

19. One of its participants, Mike Forrester, has been recently featured on the Colbert Report. FTPE:

[10] Identify this sporting competition.

ANSWER: STIHL **Timbersports** Series

[10] Matt Bush holds the world record for this timbersport in which a competitor makes three cuts with a modified chainsaw.

ANSWER: **Hot Saw**

[10] This man has hosted the series on ESPN since 1992.

ANSWER: Tommy **Sanders**

20. You are in Salt Lake City to see the Utah Opera's production of Don Pasquale when a 200 foot tall mutant Ken Jennings leaves the opera house in ruins during his path of destruction. FTPE:

[10] At what performance hall were you at?

ANSWER: **ABRAVANELL HALL**

[10] You realize that the secret stopping him is located at his former employer of CHG Healthcare which has an office at 4021 S 700 E, therefore you walk to the nearest bus stop at STATE ST @ 55 S, what bus route should you catch?

ANSWER: **209**

[10] If you board the bus at 7:45, what time will you need to get off the bus.

ANSWER: **8:09**

