



Harvard Medical School – HEAT - Questions

| Dementia, Science & the Brain | |
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| 1 | Name the genes most frequently causing autosomal dominant genetic forms of Alzheimer’s disease? |
| 2 | What year did Alzheimer's present the case on Auguste Deter? |
| 3 | In the brain what cable-like structure at the end of the cell body transmits messages to other neurons. |
| 4 | How many bones in the human skull? |
| 5 | Which famous scientist said “A man who dares to waste one hour of time has not discovered the value of life.” |
| The Suffragette Movement | |
| 6 | Which country was the first to give women the right to vote? Also still one of the most forward thinking in this area |
| 7 | The 19 th Amendment to the US Constitution gave women the right to vote in the USA, in what year was that right approved? |
| 8 | Which was the last European country to give women the vote? |
| Christmas | |
| 9 | How many reindeer are said to pull Santas sleigh (not including Rudolph) |
| 10 | Who gives all the presents in “The twelve days of Christmas” |
| 11 | What novelty did Tom Smith begin selling in 1847 at Christmas in London? |
| Animated films | |
| 12 | What is the name of the Kingdom where Anna and Elsa Live? |
| 13 | Which was the first full-length animated film to be released? |
| 14 | What does Carl tie to his house to travel to South America in Up? |



| Science | |
|------------------|---|
| 15 | Cu is which chemical element's symbol? |
| 16 | What is the second most abundant element in the body? |
| 17 | "Argentine" related to which metal? |
| Myth & Legend | |
| 18 | Who was the Greek god of sleep? |
| 19 | Sir Terry Pratchett's Discworld is based on the myth of a world supported on the back of which two types of creature? |
| 20 | Who was the Greek god of the underworld? |
| Music | |
| 21 | Justin Bieber was born in which country? |
| 22 | Sir Elton John performed 5 songs on the soundtrack to which Disney movie? |
| 23 | What was Mel C spice girl nick name? |
| US Sitcoms | |
| 24 | Howard Wolowitz was a character in which series? |
| 25 | The Bluth family feature in which series? |
| 26 | The Modern Family Characters live in the suburb of which city? |
| Harvard & Boston | |
| 27 | What year was Harvard medical school founded? |
| 28 | To the nearest 100 how many PhD Students does it currently house? |
| 29 | The first successful transplant of what organ happened at Harvard? |
| 30 | The sacred what, hangs in the House of Representatives chamber of the Boston Massachusetts state house? |



The Answers

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| 1 | APP / PSEN1 / PSEN2 |
| 2 | 1906 |
| 3 | The Axon |
| 4 | 22 |
| 5 | Charles Darwin |
| 6 | New Zealand |
| 7 | 1920 this year was the 100 th Anniversary |
| 8 | Liechtenstein |
| 9 | 8 - 'now Dasher! Now Dancer! Now Prancer and Vixen! On Comet! On Cupid! On Donder and Blixem!' |
| 10 | My true love |
| 11 | Christmas Crackers |
| 12 | Arendale |
| 13 | Snow White & the 7 dwarfs |
| 14 | Balloons |
| 15 | Copper |
| 16 | Carbon |
| 17 | Silver |
| 18 | Hypnos |
| 19 | Turtles and Elephant |
| 20 | Hades |
| 21 | Canada |
| 22 | The Lion King |
| 23 | Sporty |
| 24 | The Big Bang Theory |
| 25 | Arrested Development |
| 26 | Los Angeles |
| 27 | 1782 |
| 28 | 915 |
| 29 | Kidney 1954 - Joeseeph E. Murray |
| 30 | The Sacred Cod |