**A Conqueror of Astronomical Odds – Answers**

1. Stephen William Hawking, born 1942 in Oxford; studied physics at University College, Oxford, didn’t do well; then went on to Cambridge to do research in cosmology; since 1979 has held the post of Lucasian Professor of Mathematics; has worked on the basic laws which govern the universe; discovered that black holes are not be completely black, but emit radiation and eventually evaporate and disappear. See: <http://www.hawking.org.uk/home/hindex.html>
2. **Albert**  **Einstein;** 1879 –1955; German physicist; studied in Zürich; Jewish and moved to USA in 1932; died in Princeton; best known for his theory of relativity and specifically mass-energy equivalence, expressed by the equation *E* = *mc*2; received the Nobel Prize in Physics (1921) "for his services to Theoretical Physics, and especially for his discovery of the law of the photoelectric effect;
3. **Saga tímans.**
4. *astrology:* the study of the movements and positions of the sun, etc. in order to describe the expected effect of these on the character and behaviour of humans (*stjörnuspeki*)

*astronomy*: the scientific study of the universe and of the objects which exist naturally in space (*stjörnufræði*)

1. **odds** (in title)
2. **physics** (1)
3. **theory** (1)
4. **cosmologist** (2)
5. **android** (4)
6. **black hole** (5)
7. **all-star cast** (6)
8. **physicists** (6)
9. **astrologer** (7)
10. **leukaemia** (8)
11. **(all) the rage** (8)
12. **relativity** (9)
13. **gravity** (9)
14. **invest with** (10)
15. **astrophysical** (10)
16. **gladiatorial** (10)
17. **1970s** (12)
18. **femur** (13)
19. **bruise** (14)
20. **Amyotrophic lateral sclerosis** (**ALS**, sometimes called **Maladie de** [**Charcot**](http://en.wikipedia.org/wiki/Jean-Martin_Charcot)) is a progressive, usually fatal, [neurodegenerative disease](http://en.wikipedia.org/wiki/Neurodegenerative_disease) caused by the degeneration of [motor neurons](http://en.wikipedia.org/wiki/Motor_neurons), the nerve cells in the central nervous system that control [voluntary muscle](http://en.wikipedia.org/wiki/Voluntary_muscle) movement. In the United States, the condition is often referred to as [**Lou Gehrig's**](http://en.wikipedia.org/wiki/Lou_Gehrig) **Disease**; although currently, ALS is probably associated by the public more with physicist [Stephen Hawking](http://en.wikipedia.org/wiki/Stephen_Hawking) than with the [New York Yankees](http://en.wikipedia.org/wiki/New_York_Yankees) legend. (http://en.wikipedia.org/wiki/Amyotrophic\_lateral\_sclerosis)

*Summary: form English words as shown below:*

|  |  |  |  |
| --- | --- | --- | --- |
| **Icelandic** | **noun** | **adjective** | **person** |
| eðlisfræði | physics | physical | physicist  |
| stjörnufræði | astronomy | astronomical | astronomer  |
| stjörnuspeki | astrology | astrological | astrologer  |
| stjarneðlisfræðingur | astrophysics | astrophysical | astrophysicist  |

|  |  |  |  |
| --- | --- | --- | --- |
| heimsmyndarfræði | cosmology | cosmological | cosmologist  |
| fræðikenning | theory | theoretical | theoretician  |

|  |  |  |  |
| --- | --- | --- | --- |
| (sjúkdóms)greining | diagnosis | diagnostic  | diagnostician  |