THE SCIENCE OF LAUGHTER

Fill in the correct words from the list below

Something funny happened when a middle aged woman was taken to a hospital on Monday. It helped a group of scientists to discover why people laugh. It seems that different types of laughing are “all is well” signals which tell others when a 1________________________ or confusing situation is safe.

The woman arrived at an Indian hospital with a head 2______________________ which appeared to give her straight reaction to pain. Every time a doctor stuck a pin in her hand, she laughed uncontrollably.

According to Dr. Ramachandran, neuroscientist at the University of California at San Diego, the region of her 3______________________ involved in sending messages about pain has been 4______________________. Part of it was saying “Look, That hurts” while the other part was saying “There’s no problem!” As a result the brain sent out an OK signal and she started laughing. There’s no other 5______________________ that makes sense.

Why we laugh is one of the great mysteries of human 6______________________ . But Dr. Ramachandran believes he has found the answer. “Laughter is just an expression of surprise; it is also 7______________________ connected to feelings of relief, “he told members of a conference in Los Angeles.

He 8______________________ that laughter was a form of communication which helped our 9______________________ save energy and resources. If, for instance, 10______________________ hunters were surprised by a sound in the bushes, their immediate instinct would be fear. Adrenalin levels would go up fast and they would prepare to fight or run away. But if the sound turned out to be a rabbit and not a danger, the natural 11______________________ would be to laugh – sending out a signal to the whole group that they could relax.

1 threatening – damaging – bullying – humorous
2 disease – pain - injury – cure
3 mind – head – intellect – brain
4 divided - disconnected – linked – cut off
5 method – theory – science – guess
6 behavior – society – actions – manners
7 absolutely – generally – finally – strongly
8 quarreled – argued – responded – ignored
9 predecessors – successor – ancestors – heirs
10 ancient – antique – prehistoric – medieval
11 surprise - action - reaction - achievement
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According to Dr. Ramachandran, neuroscientist at the University of California at San Diego, the region of her brain involved in sending messages about pain has been disconnected. Part of it was saying “Look, That hurts” while the other part was saying “There’s no problem!” As a result the brain sent out an OK signal and she started laughing. There’s no other theory that makes sense.

Why we laugh is one of the great mysteries of human behavior. But Dr. Ramachandran believes he has found the answer. “Laughter is just an expression of surprise; it is also strongly connected to feelings of relief,” he told members of a conference in Los Angeles.

He argued that laughter was a form of communication which helped our ancestors save energy and resources. If, for instance, prehistoric hunters were surprised by a sound in the bushes, their immediate instinct would be fear. Adrenalin levels would go up fast and they would prepare to fight or run away. But if the sound turned out to be a rabbit and not a danger, the natural reaction would be to laugh – sending out a signal to the whole group that they could relax.