HANDOUT - LISTEN, UNDERSTAND AND COMPLETE

Complete the dialogue according to you hear. Use the words below:

biologists - story - exploration - futures - history - universe - world - timekeeping - time - clocks

When it comes to the body's clock, (1) _____ ponder time from the perspective of evolutionary (2) _____. They want to know how and why life-forms acquired internal clocks that guide everyday life. Molecular biology writer, Tina Hesman Saey, explores the circadian clocks built into nearly every one of ourselves and how they relate to the most primitive clocks found in archaea and algae.

Our brains take on time is a separate (3) _____. Neuroscience writer, Laura Sanders explores how the (4) _____ in our heads help us make sense of the (5)_____, and what makes our perception time appear to change as a consequence of our experiences. There are even some hints about how faulty (6) _____ in the brain can factor into disorders such as schizophrenia.

Perhaps the most brain boggling (7) _____of time comes from physics writer, Andrew Grant. He grapples with time in terms of grab and the grandeur of the universe. Why does time always run forward even though the laws of physics should permit its tick backward? A new simulation points to gravity and suggests that the force may allow the (8) _____ to have one past: the big bang and two (9) _____. You can read about these explorations of (10) _____and more at www.sciencenews.org/time .

Answer Key

(1) biologists
(2) history.
(3) story
(4) clocks
(5) world
(6) timekeeping
(7) exploration
(8) universe
(9) futures.
(10) time