PART 3

beginning (0) removed from the article. Choose from the paragraphs (A-I) the one which fits each gap You are going to read an article about the existence of aliens. Eight paragraphs have been (14-20). There is one extra paragraph which you do not need to use. There is an example at the

Are we Alone?

experiment that has only been conducted once, right occupy a unique position in the cosmos? Is life an here on earth? Are we alone? Do we, on our little blue planet,

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and of life itself. Others hold different views mental questions about the nature of the universe He believes that this discovery would raise funda-

because there isn't any, or because we aren't looking dilemma: we haven't found alien life, but is that known as SETI, is an example of the experimenter's useless. The search for extraterrestrial life, often in the right place? It is clear to Savage that the search for alien life is

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mission which it was determined to carry out. finding us as we are in finding them. So SETI had a SETT's second assumption is that if life has evolved life forms, and that alien races are as interested in elsewhere, it will seek to communicate with other

pointing a radio telescope at the nearby stars to look to the same conclusion. He began the search by for signals of artificial origin Frank Drake, a young radio astronomer, had come



single-celled amoeba developed into human beings. evolution of life is based mainly on chance. In fact no one knows how life began on earth, or how the first search has continued, and technological advances For two decades radio astronomers explored large have been made, nothing has been found yet. The areas of the sky. They found nothing. And though the

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SETI's search. Life is adaptable. other winner. There is another argument to support SETI supporters argue, they're looking for just one The lottery of life may be still harder to win but, as

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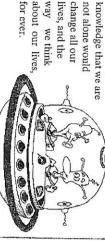
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evidence of alien life would have a great effect on the cate at all. There is no doubt that discovering definite communicate with other life forms using a particular human race range of radio waves, or may not wish to communidifferent from our own may not bother to try to The other side of this argument is that life forms so

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around the stars, the Even if aliens don't offer us free energy or free drives

way we think for ever. about our lives lives, and the change all our not alone would



50 people will win every year. National Lottery. Even with the chances of winning being 14 million to one, about must be other planets on which life has evolved. It's something like winning the But SETI's supporters believe that, with 400 billion stars in our galaxy alone, there

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Ø radio would be ideal for communicating between star systems. SETI began its mission in earnest in 1959. Two physicists at Cornell University published a paper in the scientific journal Nature. They suggested that microwave

C breakthrough ever made. book - believes that the discovery of alien life would be the single greatest scientific These are big questions. Paul Davies - who investigated them in detail in his new

U also evolve in similar environments scattered across the cosmos planet of an average star in a common type of galaxy. If life can evolve here, it can The basic assumption of SETI is that the Earth isn't a special place. It's a typical

H but in satellite photographs. Unfortunately this evidence is not clear. In fact, some New evidence that other life forms do exist has been found, not with radio waves, scientists argue that it can not be called evidence at all.

asking questions about the very nature of life itself. is life, and under what conditions can it appear? We would also find ourselves At the very least the discovery would begin to answer questions like: how common

decided that it was this frequency an alien would guess other races could also hydrogen, the most common atom in the universe, radiates radio energy. Drake The radio frequency Drake chose to observe at is the same frequency at which recognise and tune in to

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parts of the universe. He dreams that humans will colonise the galaxy and spread the seed of life to lifeless Marshall Savage, author of the Milennium Project, is convinced that we are alone

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have developed in almost any type of environment to the universe. This principle should apply to a far wider range of conditions than Some believe that life is a kind of organising force, bringing more and more order those on earth and similar planets which are being investigated, so that life could