



Passage 37



Left-handed

Paragraph A

The probability that two right-handed people would have a left-handed child is only about 9.5 percent. The chance rises to 19.5 percent if one parent is a lefty and 26 percent if both parents are left-handed: The preference, however, could also stem from an infant's imitation of his parents. To test genetic influence, starting in the 1970s British biologist Marian Annett of the University of Leicester hypothesised that no single gene determines handedness. Rather, during fetal development, a certain molecular factor helps to strengthen the brain's left hemisphere, which increases the probability that

9.5
解析



解析

答题

Question 1

1/9

The first study into the functions of each brain side

☒ A F

☐ B C

☐ C D

☐ D A

解析

Keywords: first study=first test; functions=capabilities; each brain side,the other

解析

答题

Question 1

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capabilities; each brain side, the other side's; first, functions of each brain side

原文： 对应正文F段 In 1949 neurosurgeon JW devised the first test to provide access to the brain's functional organization of language. By injecting an anesthetic into the right or left carotid artery, Wada temporarily paralyzed one side of a healthy brain, enabling him to more closely study the other side's capabilities.

翻译： 1949年，神经科医生旺达设计了一个试验，它是史上第一例通往大脑负责语言的组织的试验。旺达将麻醉药注入右边或者左边的颈部大动脉之中，令健康的脑部的某半球暂时瘫痪，这使他能够更深入的研究另一个半球的能力。



解析

答题

Question 1

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解析： The first study into the functions of each brain side. 题意： 对大脑每半球功能的第一次研究

Question 2

2/9

How the relation between left brain and language was first observed

☒ A D

☐ B I

☐ C H

☐ D F

解析

答题

Question 2

2/9

解析

Keywords: relation, controlled; language, speech;
left brain and language; first observed

原文： 对应正文D段 At the conference, Dax elaborated on his theory, stating that each half of the brain was responsible for certain functions and that the left hemisphere controlled speech.

翻译： 在大会上，MD详细阐述了他的理论，他认为大脑的两半球分别控制着一定的功能，而左半脑则是负责控制语言的。

解析： How the relation between left brain and language was first observed 题意： 左脑和语言间的关系第一次被观察到

Question 3

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解析

答题

Question 3

3/9

The likelihood that one-handedness is born

☐ A I

☒ B A

☐ C D

☐ D F

解析

Keywords: likelihood, percent, probability ; born, have baby/child; one-handedness is born

解析

答题

Question 3

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原文： 对应正文A段 The probability that two...9.5 percent...is a lefty and 26 percent if both parents are left-handed...

翻译： 两个右撇子生出一个左撇子宝宝的概率仅有9.5%。如果父母一方有一个左撇子，那么概率就会上升到19.5%，父母双方都是左撇子的话，概率变为26%。

解析： The likelihood that one-handedness is born
题意： 某偏手性的出生概率

Question 4

4/9

A discovery that people's concentration is controlled by the right hemisphere



解析

答题

Question 4

4/9

☐ A I☒ B E☐ C F☐ D C

解析

Keywords: 句义对应; concentration, controlled by the right hemisphere

原文：对应正文E段 Patients with damage to the right hemisphere most often displayed disruptions in perception or concentration.

翻译：右半脑有伤的病人在进行理解和关注的行



解析

答题

Question 4

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翻译：右半脑有伤的病人在进行理解和关注的行为时大多展示出中断和混乱的现象。

解析：A discovery that people's concentration is controlled by the right hemisphere 题意：发现人类的注意力是受右半脑掌控的

Question 5

5/9

Why animals prefer to using one side of the body

☐ A F

☒ B C

☐ C A

解析

答题

Question 5

5/9

D H

解析

Keywords: prefer to using one side of the body=focusing power and dexterity in one limb; animals

原文：对应正文C段 In evolutionary terms, focusing power and dexterity in one limb is more efficient than having to train two, four or even eight limbs equally.

翻译：从进化论上来看，着重发展一条肢体，使之更加灵敏和有力，是比训练两只、四只、甚至八只使其一样有力，更高效的行为。

解析：Why animals prefer to using one side of the



解析

答题

Question 5

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解析: Why animals prefer to using one side of the body
题意: 为什么动物倾向使用身体的某一边

Question 6

6/9

A common belief that left-handed people are good at arts

☐ A E

☐ B C

☒ C I

☐ D G



解析

答题

Question 6

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解析

Keywords: common belief=Popular wisdom; be good at, possess more creative skills, better; common belief

原文：对应正文I段 Popular wisdom says... Left-handed, right-brained individuals are thought to possess more creative skills and may be better at...

翻译：广为流传的常识认为，右撇子、左脑发达的人更擅长逻辑、条理性的思维方式。左撇子、右脑发达的人则在创造性上更胜一筹，还可以将两半球的、出现的功能特征结合起来。

解析：A common belief that left-handed people are good at arts 题意：一般人都认为左撇子在艺术方面比较擅长



解析

答题

Question 6

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Question 7

7/9

The age when the preference of using one hand is confirmed

☐ A D

☒ B B

☐ C F

☐ D C

解析

解析

答题

Question 7

7/9

解析

Keywords: confirmed, settle on; 题意定位

原文： 对应正文B段 Genetic predetermination is also contradicted by the widespread observation that children do not settle on either their right or left hand until they are two or three years old.

翻译： 基因决定论还被另一个观察现象所反驳，那就是，儿童直到2-3岁之后才会确定更加偏好用左手还是右手。

解析： The age when the preference of using one hand is confirmed 题意： 确定偏好使用哪一只手的年龄

Question 8

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解析

答题

Question 7

7/9

Question 8

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Same genetic material which developed
different handedness

☐ A B☐ B E☒ C A☐ D F

解析

解析

答题

Question 8

8/9

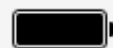
解析

Keywords: 意思对应; Same genetic material

原文： 对应正文A段 Research conducted on twins complicates the theory, however, one in five sets of identical twins involves one right-handed and one left-handed person, despite the fact that their genetic material is the same.

翻译： 对于双胞胎的研究让这个理论变得复杂起来，虽然基因型是完全一致的，但每五对同卵双胞胎中就有一对会发展成一个左撇子和一个右撇子。

解析： Same genetic material which developed different handedness 题意： 同样的基因却发展出不同的偏手性



解析

答题

Question 8

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Question 9

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How body language contributed to right handedness

☐ A C

☐ B F

☒ C H

☐ D I

解析

解析

答题

Question 9

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解析

Keywords: body language= gestures; right handedness= right hand developed more strongly; body language

原文：对应正文H段 If the left hemisphere began to dominate speech, it would have dominated gestures, too, and because the left brain controls the right side of the body, the right hand developed more strongly.

翻译：如果左半球开始掌控语言，它也应该已经控制了身体语言才对，又因为左脑控制着身体的右半边，所以右手就发展的更加强壮。

解析：How body language contributed to right handedness 题意：身体语言是如何影响右利手的形成的