

**For Teachers:** Please have the students read the sentences one at a time and correct their pronunciation of each sentence then have them repeat after you. Wait until after they read the sentence (use the number in place of the missing word) to have the students choose the correct answer to fill in the blank. When the students finish the article, move on to the further questions.

日本語訳なしタイプBもございます。スクロールダウンするとございますので好きな方をご利用下さい。

2[B] – Touching Questions



Version3 G1 10-3

最近 (さいきん) の

明確 (めいかく) に示 (しめ) す

1. Recent research in the United States has been underlining the important role touching plays in human life.

役割 (やくわり)

明 (あき) らかな 利益 (りえき)

~という形 (かたち) で

抱 (だ) きしめる

2. One obvious benefit of touching in the form of hugging or cuddling is a sense of comfort and reassurance.

しかし 効果 (こうか)

~によると

決 (けつ) して~ではない

3. Yet the effect of touching has, according to scientists, is by no means ( 29 ).

研究 (けんきゅう)

減少 (げんしょう)

コルチゾール

ホルモン

4. Studies indicate that hugging leads to a reduction in cortisol, a hormone that is associated with periods of stress, and an increase in the hormone

~に関係 (かんけい) がある

増加 (ぞうか)

ホルモン

oxytocin, which is known to promote social bonding.

オキシトシン

促進 (そくしん) する 社会的 (しゃかいてき) な 絆 (きずな)

oxytocin, which is known to promote social bonding.

体重不足 (たいじゅうぶそく) の

なでる

5. In another study, underweight babies who were stroked and massaged three times a day over the course of two weeks put on an average of 47 percent more weight than babies who were left alone.

\*Choose the correct answer to fill in the blank from these choices.

6. (29) 1 easily detected 2 beneficial to people

ただ 心理的 (しんりてき) な

7. 3 merely psychological 4 worth investigating

Further Questions&A

\*Ask student to answer the question on their own at first. If the student can't answer correctly, have him look at the last page and read the "example answer" for the question. Have the student try to memorize the answer, if it's too long or difficult, you should divide the sentence into 2 or 3 parts to make it easier to remember. Once they have memorized the answer, the teacher should ask the question one last time so that the student can practice answering. Also if you find any mistakes, please mark the page and let me know ASAP.

8.1) What is one obvious benefit of touching?

9. 触 (さわ) ることにはどのような明 (あき) らかな利 (りえき) 益 (えき) がありますか。

10. One obvious benefit of touching in the form of hugging or cuddling is a sense of comfort and reassurance.

11.2) What do the hormones cortisol and oxytocin do?

12. ホルモンのコルチゾールとオキシトシンはどのような働 (はたら) きをしますか。

13. Cortisol is a hormone associated with periods of stress and oxytocin is a hormone which is known to promote social bonding.

14.3) What happened to the underweight babies when they were stroked and massaged three times a day?

15. 低 (てい) 体 (たい) 重 (じゅう) の赤 (あか) ち (ち) ゃ (や) ん (ん) を一日 (いちにち) に三 (さん) 回 (かい) なでたりマッサージしたりすると、どのようなことお (お) 起 (お) っ (こ) りましたか。

16. They gained an average of 47 percent more weight than babies who were left alone.

17. Now a new study has **concluded** that touching is also a sophisticated ( **30** ).

18. Matthew J. Hertenstein, an associate professor of psychology at DePauw University, **carries out** an experiment with 248 students.

19. Each student was instructed to use touch to convey one of eight emotions, ranging from anger to sympathy.

20. The person being touched, who had not previously met the teacher, was blindfolded.

目隠 (めかく) しをする

21. The touchers **were free to** use different methods, from rubbing the back to caressing the face, to convey an emotions.

22. Afterwards, those touched were asked to choose the emotion expressed.

23. Statistics show that, with random answers, the **accuracy rate** would be around 11 percent.

24. Infact , the students chose the correct emotion between 50 and 78 percent of the time.

25. \*Choose the correct answer to fill in the blank from these choices.

26. (30) 1 form of play 2 means of communication  
27. 3 way of measuring intelligence 4 method of defense

## Further Questions&A



28. 4) What were the students in Hersentein's experiment told to do?

29. 生徒 (せいと) たちは Hersentein の実験 (じっけん) で、何 (なに) をするように言 (い) われましたか。

*They were told to express one of eight emotions using touch.*

30. 5) Were the students in the experiment able to choose the correct emotion?

31. 生徒 (せいと) たちは実験 (じっけん) で正 (ただ) しい感情 (かんじょう) を選 (えら) ぶことができましたか。

*Yes, they were able to choose the correct emotion between 50 to 78 percent of the time.*

32. With all this evidence, one would be inclined to think that physical contact is being encouraged in American society.

33. This could not be further from the truth.

34. It is not that the issue of touching ( **31** ).

35. Infact , with a recent spate of scandals involving sexual abuse by teachers, an increasing number of schools are adopting strict "no touch" policies.

36. While action to protect children in danger is understandable, Hertenstein

believes the pendulum has swung too far: some schools are instructing students

to avoid physical contact with one another, and one mother reported that

her 5-year-old was disciplined for hugging a friend. In modern American society,

when the children are suffering from high levels of stress, one obvious

治療法 (ちりょうほう)

ますます

remedy —touching—is becoming increasingly taboo.

37.\*Choose the correct answer to fill in the blank from these choices.

38.(31) 1 is being overlooked

見落 (みお) とす

2 has people concerned

39. 3 has relevance today

関連性 (かんれんせい)

4 could involve children’s welfare

Further Questions&A



40.6) Is physical contact being encouraged in American society?

41.アメリカ社会で、スキンシップは奨励されてきていますか。

No, it is being heavily discouraged.

42.7) What is happening because of a recent spate of scandals involving sexual abuse by teachers?

43.教師による性的虐待を含む相次ぐ不祥事のため、何が起こっていますか。

An increasing number of schools are adopting strict “no touch” policies.

44.8) What happened to the 5-year old in this story?

45.この話の中の5歳の子にはどんなことが起こりましたか。

The 5-year-old was disciplined for hugging a friend.

Review Questions



46.1) What is one obvious benefit of touching?

One obvious benefit of touching in the form of hugging or cuddling is a sense of comfort and reassurance.

47.2) What do the hormones cortisol and oxytocin do?

Cortisol is a hormone associated with periods of stress and oxytocin is a hormone which is known to promote social bonding.

48.3) What happened to the underweight babies when they were stroked and massaged three times a day?

They gained an average of 47 percent more weight than babies who were left alone.

49.4) What were the students in Hersentain’s experiment told to do?

They were told to express one of eight emotions using touch.

50.5) Were the students in the experiment able to choose the correct emotion?

Yes, they were able to choose the correct emotion between 50 to 78 percent of the time.

51.6) Is physical contact being encouraged in American society?

No, it is being heavily discouraged.

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解答: (29) 3 (30) 2 (31) 2

日本語訳なし





54. Recent research in the United States has been underlining the important role touching plays in human life.
55. One obvious benefit of touching in the form of hugging or cuddling is a sense of comfort and reassurance.
56. Yet the effect of touching has, according to scientists, is by no means ( 29 ).
57. Studies indicate that hugging leads to a reduction in cortisol, a hormone that is associated with periods of stress, and an increase in the hormone oxytocin, which is known to promote social bonding.
58. In another study, underweight babies who were stroked and massaged three times a day over the course of two weeks put on an average of 47 percent more weight than babies who were left alone.
- \*Choose the correct answer to fill in the blank from these choices.
59. (29) 1 easily detected 2 beneficial to people  
60. 3 merely psychological 4 worth investigating

### Further Questions&A

61. 1) What is one obvious benefit of touching?
62. 2) What do the hormones cortisol and oxytocin do?
63. 3) What happened to the underweight babies when they were stroked and massaged three times a day?
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64. Now a new study has concluded that touching is also a sophisticated ( 30 ).
65. Matthew J. Hertenstein, an associate professor of psychology at DePauw University, carries out an experiment with 248 students.
66. Each student was instructed to use touch to convey one of eight emotions, ranging from anger to sympathy.
67. The person being touched, who had not previously met the teacher, was blindfolded.
68. The touchers were free to use different methods, from rubbing the back to caressing the face, to convey an emotions.
69. Afterwards, those touched were asked to choose the emotion expressed.
70. Statistics show that, with random answers, the accuracy rate would be around 11 percent.
71. In fact, the students chose the correct emotion between 50 and 78 percent of the time.
72. \*Choose the correct answer to fill in the blank from these choices.
73. (30) 1 form of play 2 means of communication  
74. 3 way of measuring intelligence 4 method of defense

### Further Questions&A



75. 4) What were the students in Hertenstein's experiment told to do?
76. 5) Were the students in the experiment able to choose the correct emotion?
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77. With all this evidence, one would be inclined to think that physical contact is being encouraged in American society.
78. This could not be further from the truth.
79. It is not that the issue of touching ( 31 ).

80. In fact, with a recent spate of scandals involving sexual abuse by teachers, an increasing number of schools are adopting strict “no touch” policies.
81. While action to protect children in danger is understandable, Hertenstein believes the pendulum has swung too far: some schools are instructing students to avoid physical contact with one another, and one mother reported that her 5-year-old was disciplined for hugging a friend. In modern American society, when the children are suffering from high levels of stress, one obvious remedy—touching—is becoming increasingly taboo.
82. \*Choose the correct answer to fill in the blank from these choices.
83. (31) 1 is being overlooked 2 has people concerned  
84. 3 has relevance today 4 could involve children’s welfare

**Further Questions&A**  English Teachers On Call

85. 6) Is physical contact being encouraged in American society?  
86. 7) What is happening because of a recent spate of scandals involving sexual abuse by teachers?  
87. 8) What happened to the 5-year old in this story?

**Review Questions**  English Teachers On Call

88. 1) What is one obvious benefit of touching?  
*One obvious benefit of touching in the form of hugging or cuddling is a sense of comfort and reassurance.*
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*The 5-year-old was disciplined for hugging a friend.*

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