

Translation of the form for teen-age twins (Version 3/1993)

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Health study of teen-age twins

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(TWIN QUESTIONNAIRE)

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Dear teenager:

This questionnaire is part of medical research studying the influence of and relationship between genetic inheritance and environment on health and factors influencing health. Families which have sixteen year old twins have been invited to participate in the study.

Now we are asking you to participate in our study; your role would be to answer the questions in this questionnaire. From a scientific viewpoint it is of utmost importance that **EVERY ONE WHO HAS RECEIVED THIS FORM ANSWER THIS QUESTIONNAIRE**. The forms have been numbered for data processing purposes. Thus we will avoid sending a new form to those who have already answered. If your parents would like to see this form, we would hope they would do so before you answer the questions in it. For the reliability of the study it is very important that you answer the questions independently.

Be thorough in answering the questions. **WHEN YOU ARE DONE, CHECK TO MAKE SURE YOU HAVE NOT SKIPPED ANY QUESTIONS BY ACCIDENT**. We hope you would find the time to complete the questionnaire within seven days.

Return the completed questionnaire in the enclosed return envelope. You can drop it at the post office without a stamp. We will pay for the postage.

NOTICE: YOUR IDENTITY AND THE INFORMATION YOU GIVE WILL REMAIN COMPLETELY CONFIDENTIAL. The results of the research will be studied in the form of tables compiled from all the answers, and won't reveal answers given by individual participants.

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HOW TO ANSWER:

It is easy to fill out the questionnaire. You will always answer each question or sub-question by circling one of the alternatives. The alternatives have been numbered. Take a look at example 1.

Some of the questions have, after the answer alternatives, a supplementary question or an indication to move on to a certain other question. These have been marked with guiding arrows. Look at example 2.

In some of the questions you are asked to write or number something. These places have been underlined. Look at example 3.

If you have to correct an answer, cross out the faulty answer.

ANSWER EXAMPLES:

EXAMPLE 1 In the past month, have you visited the following

	never	once	2 or more times
Pharmacy	1	2	3
Doctor	1	2	3

(in this example the person giving the answers had visited the Pharmacy twice and a doctor once during the past month)

EXAMPLE 2 Do you know your blood type?

- 1 no ----> go to the next question
- 2 yes ----> what is your blood type? _____
(here the person answering has known his/her blood type)

EXAMPLE 3 Which town/county do you live in?

(in this example the person lives in Lappeenranta)

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HERE BEGIN THE ACTUAL QUESTIONS

1 SEX

- 1 girl
- 2 boy

2 DATE OF BIRTH _____ / _____ 19_____

3 CURRENT HEIGHT _____ cm

4 CURRENT WEIGHT _____ kg

5 DOES YOUR FAMILY CONSIST OF?

- 1 mother and father
- 2 mother and stepfather
- 3 father and stepmother
- 4 only mother
- 5 only father
- 6 some other custodian, who? _____

6 IS YOUR TWIN OF THE SAME SEX AS YOU?

- 1 no ----> go to question 11
- 2 yes

7 DID YOU AND YOUR TWIN LOOK VIRTUALLY IDENTICAL WHEN YOU WERE ATTENDING THE LOWER GRADES OF SCHOOL, OR DID YOU LOOK NO MORE ALIKE THAN MEMBERS OF A FAMILY USUALLY DO?

- 1 virtually identical
- 2 like members of a family usually do
- 3 I can't say

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8 DID YOU AND YOUR TWIN LOOK SO ALIKE DURING YOUR FIRST YEARS AT SCHOOL THAT PEOPLE HAD DIFFICULTIES TELLING YOU APART?

- 1 no
- 2 yes
- 3 I can't remember

9 WHO COULD TELL YOU TWO APART DURING YOUR FIRST YEARS AT SCHOOL?

teacher 1 yes
 2 no

classmates 1 yes
 2 no

other somewhat
less familiar people 1 yes
 2 no

10 DURING YOUR EARLY SCHOOL YEARS DID YOU AND YOUR TWIN USE ANY DEVICE TO HELP PEOPLE DISTINGUISH BETWEEN YOU?

- 1 no
- 2 yes
- 3 I can't remember

11 DO YOU STILL LIVE WITH YOUR TWIN?

- 1 I still live with her/him
- 2 No I don't, we lived together until age _____

12 WHICH OF YOU, YOU OR YOUR TWIN, WAS BORN FIRST?

- 1 my twin
- 2 me
- 3 I don't know

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EDUCATION AND WORK

13 ARE YOU PRESENTLY ATTENDING SCHOOL OR STUDYING?

- 1 I don't go to school nor do I study ----> go to question 16
- 2 I go to school or study, I don't work
- 3 I go to school or study, but also work

14 WHAT KIND OF SCHOOL OR INSTITUTION DO YOU ATTEND?

- 1 elementary school, intermediate school
- 2 gymnasium (high-school)
- 3 higher education, university
- 4 trade school (accounting-, technical-, agricultural-, etc. school)
- 5 vocational school [higher level than 4. above but below university level] (business school, engineering school, nursing school etc.)
- 6 job training programs, vocational training or equivalent.
- 7 other school or institution, what?

15 WHAT KIND OF GRADES DID YOU RECEIVE LAST TERM? COMPARED TO THE AVERAGE IN YOUR CLASS OR COURSE WERE THEY:

- 1 much better
- 2 somewhat better
- 3 about average
- 4 somewhat below average
- 5 considerably below average

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QUESTIONS 6 AND 17 APPLY ONLY TO THOSE WHO HAVE QUIT/FINISHED SCHOOL!

16 IF YOU DON'T PRESENTLY STUDY OR ATTEND SCHOOL, WHAT DO YOU DO? I AM:

- 1 in temporary training in order to continue my studies
- 2 I work for pay
- 3 I'm serving in the military
- 4 I'm unemployed or on forced leave
- 5 I'm at home
- 6 other, what? _____

17 IF YOU DON'T ATTEND SCHOOL OR STUDY AT PRESENT, WHAT KIND OF PRIOR EDUCATION DO YOU HAVE?

- 1 only basic education [9 or 10 years]
- 2 basic education plus job training, courses, etc.
- 3 ylioppilastutkinto, -- high school plus college, and a national exam
- 4 other, what?

USE OF FREE TIME

18 WITH WHOM DO YOU USUALLY SPEND YOUR FREE TIME?

- 1 alone
- 2 with my twin
- 3 with my family
- 4 with one friend
- 5 with two of my friends
- 6 with a larger group

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19 HOW MUCH OF YOUR FREE TIME DO YOU SPEND TOGETHER WITH YOUR TWIN?

- 1 nearly all of it
- 2 I spend somewhat more of my free time with my twin than with other people
- 3 I spend somewhat more of my free time with others than with my twin.
- 4 I spend most of my free time with others than my twin
- 5 we live apart and don't have the opportunity to spend time together
- 6 I cannot say

SMOKING

20 HAVE YOU EVER SMOKED (OR TRIED SMOKING)?

- 1 no ----> go to question 24
- 2 yes

HOW OLD WERE YOU WHEN YOU FIRST TRIED SMOKING?

_____years old

0 I have not tried smoking

21 HOW MANY CIGARETTES HAVE YOU SMOKED ALTOGETHER UP TO NOW?

- 1 none
- 2 only one
- 3 about 2-50
- 4 over 50

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22 WHICH OF THE FOLLOWING BEST DESCRIBES YOUR PRESENT SMOKING HABITS?

- 1 I smoke once or more daily
- 2 I smoke once or more a week, but not every day
- 3 I smoke less often than once a week
- 4 I am trying to or have quit smoking
- 5 I have never smoked

23 HAVE YOUR PARENTS BEEN REMARKING ON YOUR SMOKING LATELY? ANSWER SEPARATELY CONCERNING YOUR MOTHER AND YOUR FATHER.

FATHER

MOTHER

- | | |
|--------------------|--------------------|
| 1 often | 1 often |
| 2 sometimes | 2 sometimes |
| 3 not at all | 3 not at all |
| 4 I have no father | 4 I have no mother |

HEALTH

24 HOW DO YOU VIEW YOUR HEALTH? IS IT PRESENTLY

- 1 very good
- 2 rather good
- 3 mediocre
- 4 rather poor
- 5 very poor

25 DO YOU HAVE SOME LONG TERM ILLNESS OR DISABILITY WHICH HINDERS YOUR DAILY ACTIVITIES?

- 1 no I don't
- 2 yes, describe briefly what kind

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26. DURING THE PAST SIX MONTHS HAVE YOU HAD ANY OF THE FOLLOWING SYMPTOMS AND IF SO, HOW OFTEN?

CIRCLE THE CLOSEST ALTERNATIVE FOR EACH SYMPTOM

	Seldom or not at all	About once a month	About once a week	Almost daily
Stomach pains	1	2	3	4
Tension or nervousness	1	2	3	4
Irritability or temper outbursts	1	2	3	4
Sleeping disorders	1	2	3	4
Headaches	1	2	3	4
Trembling of hands	1	2	3	4
Fatigue or weakness	1	2	3	4
Dizziness	1	2	3	4
Back or neck pains	1	2	3	4
Blushing	1	2	3	4

EATING HABITS

27 HOW OFTEN DO YOU EAT AN EARLY BREAKFAST (SANDWICHES, MILK, CEREAL OR OTHER SUCH FOODS) IN THE MORNING BEFORE GOING TO SCHOOL OR TO WORK?

- 1 every morning
- 2 about 3-4 mornings per week
- 3 about once a week at the most

28 WHAT KIND OF SPREAD DO YOU USE ON YOUR BREAD?

- 1 usually nothing
- 2 mostly margarine (list of typical finnish brands)
- 3 mostly butter
- 4 butter/margarine mixtures (list of products)
- 5 light spreads
- 6 other, what? _____

29 WHAT KIND OF MILK DO YOU USUALLY DRINK?

- 1 I don't drink milk
- 2 skim milk
- 3 1% milk
- 4 2% milk
- 5 whole milk (3.5% fat)

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30. HOW MANY CUPS OF COFFEE, TEA, CHOCOLATE OR COLA DO YOU DRINK PER DAY? ANSWER SEPARATELY FOR EACH.

COFFEE 0 I don't drink daily
 1 about _____ cups

TEA 0 I don't drink daily
 1 about _____ cups

CHOCOLATE 0 I don't drink daily
 1 about _____ cups

COLA 0 I don't drink daily
(Coke, Pepsi) 1 about _____ bottles (1/3 liter)

ALCOHOL CONSUMPTION

31 HOW OLD WERE YOU WHEN YOU FIRST DRANK AT LEAST A GLASS OF BEER? _____ years

0 I have never had beer

Wine? _____ years

0 I have never had wine

Long Drink? _____ years

0 I have never had Long Drinks

HARD LIQUOR? _____ years

0 I have never had hard liquor

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32 HOW OFTEN DO YOU DRINK ALCOHOL AT ALL? TRY TO INCLUDE THE TIMES ALSO WHEN YOU DRINK VERY SMALL QUANTITIES, LIKE JUST HALF A BOTTLE OF LIGHT BEER OR A SIP OF WINE.

- 1 daily
- 2 couple of times a week
- 3 once a week
- 4 a couple of times a month
- 5 about once a month
- 6 about once every two months
- 7 3-4 times a year
- 8 once a year or less
- 9 I don't drink any alcohol

33 AND HOW OFTEN DO YOU GET REALLY DRUNK?

- 1 once a week or more
- 2 about 1-2 times a month
- 3 less often than that
- 4 never

34 AND HOW OFTEN DO YOU DRINK SO THAT YOU GET SLIGHTLY INTOXICATED?

- 1 once a week or more
- 2 about 1-2 times a month
- 3 less often than that
- 4 never

NOW WE ASK YOU TO THINK ABOUT THE PAST FOUR WEEKS, PLEASE LOOK AT YOUR CALENDAR!

35 ON HOW MANY DAYS TOTAL HAVE YOU HAD BEER, WINE, OR LIQUOR DURING THE PAST FOUR WEEKS?

_____days

- 0 I didn't drink at all

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36 ON HOW MANY OF THOSE TIMES DID YOU EXCLUSIVELY DRINK BEER (MEDIUM OR STRONG BEER)?

_____ days

0 not at all

37 WHEN YOU LAST DRANK ALCOHOL, WERE YOU IN YOUR OWN OPINION:

1 totally sober

2 a little tipsy

3 very drunk

4 so drunk I passed out

38 WHAT PROPORTION OF YOUR SAME-SEX PEERS DRINK EVERY NOW AND THEN?

BEER

WINE

LIQUOR

1 almost everyone

1 almost everyone

1 almost everyone

2 most

2 most

2 most

3 half

3 half

3 half

4 some

4 some

4 some

5 hardly any

5 hardly any

5 hardly any

PHYSICAL EXERCISE

39 HOW DO YOU PERCEIVE YOUR PRESENT PHYSICAL CONDITION? IS IT

1 very good

2 rather good

3 satisfactory

4 rather poor

5 very poor

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40 WHICH OF THE FOLLOWING ALTERNATIVES BEST DESCRIBES YOUR PRESENT SPORTS/FITNESS ACTIVITIES? I USUALLY DO SPORTS OR EXERCISE SO THAT:

- 1 I breathe hard and sweat profusely
- 2 I breathe rather hard and sweat somewhat
- 3 I don't breathe very hard and sweat but little
- 4 I don't sweat or breathe hard
- 5 I don't do sports or exercise during my free time

41 HOW OFTEN DO YOU EXERCISE OR DO SPORTS DURING YOUR FREE TIME? (SCHOOL PHYSICAL ACTIVITIES DON'T COUNT HERE)

- 1 not at all
- 2 less than once a month
- 3 1-2 times a month
- 4 about once a week
- 5 2-3 times a week
- 6 4-5 times a week
- 7 just about every day

42 WITH THIS QUESTION WE TRY TO ASSESS THE DEVELOPMENT OF YOUR SEXUAL MATURITY

FOR GIRLS:

HOW OLD WERE YOU WHEN YOU FIRST MENSTRUATED?

_____ years old

- 1 my menstruation hasn't begun yet

FOR BOYS:

HOW OLD WERE YOU WHEN YOUR VOICE CHANGED?

_____ years old

- 1 my voice has not changed yet

SOME ADDITIONAL QUESTIONS CONCERNING ALCOHOL

43 HAVE YOU SOME TIMES DISAGREED OR HAD CONFLICTS OVER YOUR USE OF ALCOHOL

with your parents 1 yes
2 no

with your friends 1 yes
2 no

with your girlfriends 1 yes
2 no

with your boyfriends 1 yes
2 no

with doormen at discos/ dance halls 1 yes
2 no

with your teacher 1 yes
2 no

with your employer/supervisor 1 yes
2 no

with the police 1 yes
2 no

with social workers 1 yes
2 no

44 COMPARING YOURSELF WITH OTHER YOUTHS OF YOUR AGE AND SEX, DO YOU THINK MOST OF THEM DRINK

- 1 more than you
- 2 as much as you
- 3 less than you

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THE FOLLOWING QUESTIONS DEAL WITH YOUR RELATIONSHIP WITH YOUR TWIN

45 DO YOU AND YOUR TWIN HAVE SHARED HOBBIES AND INTERESTS?

- 1 identical
- 2 nearly identical
- 3 none at all

46 DO YOU HAVE COMMON FRIENDS?

- 1 identical
- 2 nearly identical
- 3 none at all

47 DO YOU PERCEIVE YOURSELF AS DEPENDENT ON YOUR TWIN?

- 1 yes
- 2 no

48 DO YOU PERCEIVE YOUR TWIN AS DEPENDENT ON YOU?

- 1 yes
- 2 no

49 WHO IS YOUR BEST FRIEND?

- 1 my twin
- 2 another sibling
- 3 a classmate of mine
- 4 somebody else
- 5 I cannot say

50 HAVE YOU EVER VOLUNTARILY BEEN SEPARATED FROM YOUR TWIN FOR OVER 24 HOURS, FOR EXAMPLE VISITING FRIENDS, AT CAMP OR AT RELATIVES?

- 1 never
- 2 a few times
- 3 often

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51 DO YOU MISS YOUR TWIN WHEN YOU ARE SEPARATED?

- 1 not at all
- 2 somewhat
- 3 a lot

PERSONALITY

The following segment mapping your personality is based on a psychological test which has been widely used in many countries for several years now. For that reason it might seem somewhat old-fashioned in places. Even though we have here nearly two hundred statements, filling it out won't take very long. We'll send you your own test results so you can compare yourself to other youth of your age.

Now follows a group of statements.

Read each statement and determine whether it is true for you or not. If it is true, or is almost true, circle the word "true" in front of it.

If that statement is untrue about you or usually wouldn't apply to you, circle the "false" in front of it.

If the statement is irrelevant to you or you don't understand it, don't circle either alternative.

Remember to represent your own opinion about yourself, and try to take a position on each statement. Don't leave any blanks if you can avoid it.

Examples:

True False A. I have a good appetite.

(The person answering has circled "true", he thinks he has a good appetite)

True False B. I don't always tell the truth.

(The person answering has circled "false"; he thinks he always tells the truth)

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Here the statements begin: [NOTE: Second numbering of items represents item no. in original MMPI pool]

1. 1. I like mechanics magazines.
2. 6. I like to read newspaper articles on crime.
3. 8. My daily life is full of things that keep me interested.
4. 16. I am sure I get a raw deal from life.
5. 20. My sex life is satisfactory.
6. 21. At times I have very much wanted to leave home.
7. 24. No one seems to understand me.
8. 27. Evil spirits possess me at times.
9. 32. I find it hard to keep my mind on a task or job.
10. 33. I have had very peculiar and strange experiences.
11. 34. I have a cough most of the time.
12. 35. If people had not had it in for me I would have been much more successful.
13. 37. I have never been in rouble because of my sex behavior.
14. 38. During one period when I was a youngster I engaged in petty thievery.
15. 42. My family does not like the work I have chosen (or the work I intend to choose for my life work).
16. 50. My soul sometimes leaves my body.
17. 56. As a youngster I was suspended from school one or more times for cutting up.
18. 57. I am a good mixer.
19. 58. Everything is turning out just like the prophets of the Bible said it would.
20. 59. I have often had to take orders from someone who did not know as much as I did.
21. 61. I have not lived the right kind of life.
22. 67. I wish I could be as happy as others seem to be.
23. 70. I used to like drop-the-handkerchief.
24. 71. I think a great many people exaggerate their misfortunes in order to gain the sympathy and help of others.
25. 74. I have often wished I were a girl. (Or if you are a girl) I have never been sorry that I am a girl.
26. 77. I enjoy reading love stories.
27. 78. I like poetry.
28. 81. I think I would like the kind of work a forest ranger does.
29. 82. I am easily downed in an argument.
30. 84. These days I find it hard not to give up hope of amounting to something.

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31. 86. I am certainly lacking in self-confidence.
32. 87. I would like to be a florist.
33. 89. It takes a lot of argument to convince most people of the truth.
34. 91. I do not mind being made fun of.
35. 92. I would like to be a nurse.
36. 93. I think most people would lie to get ahead.
37. 94. I do many things which I regret afterwards. (I regret things more or more often than others seem to).
38. 95. I go to church almost every week.
39. 96. I have very few quarrels with members of my family.
40. 98. I believe in the second coming of Christ.
41. 99. I like to go to parties and other affairs where there is lots of loud fun.
42. 102. My hardest battles are with myself.
43. 106. Much of the time I feel as if I have done something wrong or evil.
44. 107. I am happy most of the time.
45. 110. Someone has it in for me.
46. 115. I believe in a life hereafter.
47. 116. I enjoy a race or game better when I bet on it.
48. 117. Most people are honest chiefly through fear of being caught.
49. 118. In school I was sometimes sent to the principal for cutting up.
50. 120. My table manners are not quite as good at home as when I am out in company.
51. 124. Most people will use somewhat unfair means to gain profit or an advantage rather than to lose it.
52. 126. I like dramatics.
53. 127. I know who is responsible for most of my troubles.
54. 128. The sight of blood neither frightens me nor makes me sick.
55. 130. I have never vomited blood or coughed up blood.
56. 132. I like collecting flowers or growing house plants.
57. 134. At times my thoughts have raced ahead faster than I could speak them.
58. 136. I commonly wonder what hidden reason another person may have for doing something nice for me.
59. 137. I believe that my home life is as pleasant as that of most people I know.
60. 140. I like to cook.

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61. 141. My conduct is largely controlled by the customs of those about me.
62. 149. I used to keep diary.
63. 155. I am neither gaining nor losing weight.
64. 156. I have had periods in which I carried on activities without knowing later what I had been doing.
65. 165. I like to know some important people because it makes me feel important.
66. 170. What others think of me does not bother me.
67. 171. I makes me uncomfortable to put on a stunt at a party even when others are doing the same sort of things.
68. 173. I liked school.
69. 179. I am worried about sex matters.
70. 180. I find it hard to make talk when I meet new people.
71. 181. When I get bored I like to stir up some excitement.
72. 183. I am against giving money to beggars.
73. 186. I frequently notice my hand shakes when I try to do something.
74. 201. I wish I were not so shy.
75. 203. If I were a reporter I would very much like to report news of the theater.
76. 206. I am very religious (more than most people).
77. 207. I enjoy many different kinds of play and recreation.
78. 208. I like to flirt.
79. 215. I have used alcohol excessively.
80. 216. There is very little love and companionship in my family as compared to other homes.
81. 219. I think I would like the work of a building contractor.
82. 221. I like science.
83. 223. I very much like hunting.
84. 224. My parents have often objected to the kind of people I went around with.
85. 226. Some of my family have habits that bother and annoy me very much.
86. 229. I should like to belong to several clubs or lodges.
87. 231. I like to talk about sex.
88. 235. I have been quite independent and free from family rule.
89. 237. My relatives are nearly all in sympathy with me.
90. 239. I have been disappointed in love.
91. 243. I have few or no pains.
92. 244. My way of doing things is apt to be misunderstood by others.

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93. 245. My parents and family find more fault with me than they should.
94. 248. Sometimes without any reason or even when things are going wrong I feel excitedly happy, "on top of the world."
95. 249. I believe there is a Devil and a Hell in afterlife.
96. 251. I have had blank spells in which my activities were interrupted and I did not know what was going on around me.
97. 254. I like to be with a crowd who play jokes on one another.
98. 258. I believe there is a God.
99. 261. If I were an artist I would like to draw figures.
100. 263. I sweat very easily even on cool days.
101. 267. When in a group of people I have trouble thinking of the right things to talk about.
102. 278. I have often felt that strangers were looking at me critically.
103. 280. Most people make friends because friends are likely to be useful to them.
104. 283. If I were a reporter I would very much like to report sporting news.
105. 284. I am sure I am being talked about.
106. 287. I have very few fears compared to my friends.
107. 289. I am always disgusted with the law when a criminal is freed through the arguments of a smart lawyer.
108. 292. I am likely not to speak to people until they speak to me.
109. 294. I have never been in trouble with the law.
110. 295. I liked "Alice in Wonderland" by Lewis Carroll.
111. 296. I have periods in which I feel unusually cheerful without any special reason.
112. 300. There never was a time in my life when I liked to play with dolls.
113. 309. I seem to make friends about as quickly as others do.
114. 319. Most people inwardly dislike putting themselves out to help other people.
115. 320. Many of my dreams are about sex matters.
116. 335. I cannot keep my mind on one thing.
117. 348. I tend to be on my guard with people who are somewhat more friendly than I had expected.
118. 357. I have several times given up doing a thing because I thought too little of my ability.
119. 368. I have sometimes stayed away from another person because I feared doing or saying something that I might regret later.
120. 373. I feel sure that there is only one true religion.
121. 377. At parties I am more likely to sit myself or with just one other person than to join in with the crowd.
122. 378. I do not like to see women smoke.
123. 383. People often disappoint me.

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124. 391. I love to go to dances.
125. 394. I frequently ask people for advice.
126. 406. I have often met people who were supposed to be experts who were no better than I.
127. 410. I would certainly enjoy beating a crook at his own game.
128. 413. I deserve severe punishment for my sins.
129. 419. I played hooky from school quite often as a youngster.
130. 423. I like or have liked fishing very much.
131. 426. I have at times had to be rough with people who were rude or annoying.
132. 434. I would like to be an auto racer.
133. 436. People generally demand more respect for their own rights than they are willing to allow for others.
134. 445. I was fond of excitement when I was young (or in childhood).
135. 446. I enjoy gambling for small stakes.
136. 447. I am often inclined to go out of my way to win a point with someone who has opposed me.
137. 449. I enjoy social gatherings just to be with people.
138. 450. I enjoy the excitement of a crowd.
139. 451. My worries seem to disappear when I get into a crowd of lively friends.
140. 460. I have used alcohol moderately (or not at all).
141. 463. I used to like hopscotch.
142. 469. I have often found people jealous of my good ideas, just because they had not thought of them first.
143. 473. Whenever possible I avoid being in a crowd.
144. 477. If I were in trouble with several friends who were equally to blame, I would rather take the whole blame than to give them away.
145. 479. I do not mind meeting strangers.
146. 482. While in trains, busses, etc., I often talk to strangers.
147. 483. Christ performed miracle such as changing water into wine.
148. 488. I pray several times every week.
149. 490. I read in the bible several times a week.
150. 491. I have no patience with people who believe there is only one true religion.
151. 500. I readily become one hundred per cent sold on a good idea.
152. 507. I have frequently worked under people who seem to have things arranged so that they get credit for good work but are able to pass off mistakes onto those under them.
153. 529. I would like to wear expensive clothes.

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154. 537. I would like to hunt lions in Africa.
155. 538. I think I would like the work of a dressmaker.
156. 547. I like parties and socials.
157. 552. I like to read about science.
158. 554. If I were an artist I would like to draw children.
159. 557. I would like to be a private secretary.
160. 558. A large number of people are guilty of bad sexual conduct.
161. 562. The one to whom I was most attached and whom I most admired as a child was woman (mother, sister, aunt, or other woman).
162. 563. I like adventure stories better than romantic stories.
163. 566. I like movie love scenes.

OPINIONS

FINALLY! HERE ARE A FEW STATEMENTS ABOUT ALCOHOL USE, SMOKING AND LEISURE ACTIVITIES. YOU SHOULD TELL WHAT YOU THINK ABOUT EACH STATEMENT. CIRCLE THE ALTERNATIVE WHICH BEST CORRESPONDS TO YOUR OPINION.

53 A MODERATE USE OF ALCOHOL IS PART OF NORMAL LIFE:

- 1 strongly agree
- 2 partly agree
- 3 undecided
- 4 partly disagree
- 5 strongly disagree

54 TOP-RANKING SPORTS GIVES GOOD MODELS TO YOUNG PEOPLE:

- 1 strongly agree
- 2 partly agree
- 3 undecided
- 4 partly disagree
- 5 strongly disagree

55 ALCOHOL GIVES NO REAL HAPPINESS TO ANYONE:

- 1 strongly agree
- 2 partly agree
- 3 undecided
- 4 partly disagree
- 5 strongly disagree

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56 A DRINK EVERY NOW AND THEN MERELY ACTS AS A PICK-ME-UP AND CANNOT BE CONSIDERED OUT OF PLACE:

- 1 strongly agree
- 2 partly agree
- 3 undecided
- 4 partly disagree
- 5 strongly disagree

57 THERE IS TOO MUCH FUSS ABOUT DANGERS OF SMOKING NOWADAYS:

- 1 strongly agree
- 2 partly agree
- 3 undecided
- 4 partly disagree
- 5 strongly disagree

58 ALCOHOL IS USED FAR TOO MUCH IN FINLAND:

- 1 strongly agree
- 2 partly agree
- 3 undecided
- 4 partly disagree
- 5 strongly disagree

59 IT IS SOMETIMES THE CASE THAT A GENUINE, SPONTANEOUS RELAXED ATMOSPHERE IS ONLY BORN WHEN ALCOHOL IS USED:

- 1 strongly agree
- 2 partly agree
- 3 undecided
- 4 partly disagree
- 5 strongly disagree

60 IT IS FAIR THAT THE LAW PROHIBITS THE SALES OF TOBACCO FOR PERSONS UNDER 16 YEARS OF AGE:

- 1 strongly agree
- 2 partly agree
- 3 undecided
- 4 partly disagree
- 5 strongly disagree

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61 IT IS IMPORTANT THAT ONE SHOULD BE ABLE TO DRINK ONESELF INTO A STATE OF INTOXICATION IN ORDER TO RELAX AND SAY WHAT ONE HAS TO SAY:

- 1 strongly agree
- 2 partly agree
- 3 undecided
- 4 partly disagree
- 5 strongly disagree

THESE WERE THE LAST OF THE ACTUAL QUESTIONS. WE WOULD KINDLY REQUEST YOU TO MAKE SURE THAT YOU HAVE ANSWERED ALL THE QUESTIONS ACCORDING TO THE INSTRUCTIONS.

WE THANK YOU FOR YOUR ASSISTANCE IN THIS MEDICAL STUDY.

AS OUR RESEARCH PROCEEDS, IT MAY BECOME NECESSARY TO ASK FURTHER QUESTIONS. WE HOPE THAT IF THE NEED ARISES, WE COULD CONTACT YOU BY TELEPHONE.

MY TELEPHONE NUMBER IS _____

Did you answer the questions?

- 1 completely independently
- 2 I discussed some of the questions with my twin or with my parents before I answered.
- 3 I discussed some of the questions with somebody else before answering them.
- 4 I needed help in answering nearly every question
if so, whose help? _____

Was answering?

- 1 easy
- 2 rather easy
- 3 rather hard
- 4 hard

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In the following space you can provide additional information if our questions have not addressed some aspect of your or your twin's health.