

Appendix 2: Questionnaire Survey-2

1. Irrespective of the present discussion, for each item, please circle the number that applies to how you normally think about things.

		Strongly disagree	Disagree	No opinion	Agree	Strongly agree
(1)	I am good at thinking about complex problems in an orderly manner.	1	2	3	4	5
(2)	I am good at summarizing ideas.	1	2	3	4	5
(3)	I am confident that I think about things accurately.	1	2	3	4	5
(4)	I am able to explain things in a way that satisfies everyone.	1	2	3	4	5
(5)	I get confused when I think about complicated problems.	1	2	3	4	5
(6)	Since I have an impartial view, my peers rely on my judgment.	1	2	3	4	5
(7)	I am able to bring a sharp focus to tackling any problem.	1	2	3	4	5
(8)	I can maintain focus even when tackling difficult problems that defy easy solutions.	1	2	3	4	5
(9)	I think about things by reasoning them out.	1	2	3	4	5
(10)	My shortcoming is that I am easily distracted.	1	2	3	4	5
(11)	When I am thinking about something, I don't have the mental space to consider other ideas.	1	2	3	4	5
(12)	I am able to investigate things attentively.	1	2	3	4	5
(13)	I can make constructive proposals.	1	2	3	4	5

2. Have you engaged in any of the following behaviors over the past year? Please circle the one answer that best applies in each case, “0” for “Not at all,” “1” for once, and “2” for more than once.

	Not at all	Once	More than once
(1) Taught somebody a skill.	0	1	2
(2) Served as a role model for a young person.	0	1	2
(3) Gave money to a charity.	0	1	2
(4) Did volunteer work for a charity.	0	1	2
(5) Listened to person tell me his or her personal problems.	0	1	2
(6) Provided religious instruction.	0	1	2
(7) Taught somebody about right and wrong, good and bad.	0	1	2
(8) Told somebody about my own childhood.	0	1	2
(9) Read a story to a child	0	1	2
(10) Babysat for somebody else’s children.	0	1	2
(11) Gave clothing or personal belongings to a non-for-profit organization.	0	1	2
(12) Was elected or prompted to a leadership position.	0	1	2
(13) Made a decision that influenced many people.	0	1	2

		Not at all	Once	More than once
(14)	Produced a piece of art or craft (such as pottery, quilt, woodwork, paintings, etc.).	0	1	2
(15)	Produced a plan for an organization or group outside my own family.	0	1	2
(16)	Visited a nonrelative in a hospital or nursing home.	0	1	2
(17)	Made something for somebody and then gave it to them.	0	1	2
(18)	Drew upon my past experiences to help a person adjust to a situation.	0	1	2
(19)	Picked up garbage or trash off the street or some other area that is not my property.	0	1	2
(20)	Gave a stranger directions on how to get somewhere.	0	1	2
(21)	Attended a community or neighborhood meeting.	0	1	2
(22)	Wrote a poem or story	0	1	2
(23)	Took in a pet	0	1	2
(24)	Did something that other people considered to be unique and important.	0	1	2
(25)	Attended a meeting or activity at a Buddhist temple.	0	1	2
(26)	Offered physical help to a friend or acquaintance (e.g., helped the move, fix a car, etc.).	0	1	2
(27)	Contributed time or money to a political or social cause.	0	1	2
(28)	Planted or tended a garden, tree, flower, or other plant.	0	1	2
(29)	Wrote a letter to newspaper, magazine, Congressman, etc. about a social issue.	0	1	2
(30)	Cooked a meal for friends (nonfamily members).	0	1	2
(31)	Donated blood.	0	1	2
(32)	Sewed or mended a garment or other object.	0	1	2

		Not at all	Once	More than once
(33)	Restored or rehabbed a house, part of a house, a piece of furniture, etc.	0	1	2
(34)	Assembled or repaired a child's toy.	0	1	2
(35)	Voted for a political candidate or some other elected position.	0	1	2
(36)	Invented something.	0	1	2
(37)	Provided first aid or other medical attention.	0	1	2
(38)	Participated in or attended a benefit or fund-raiser.	0	1	2
(39)	Learned a new skill (e.g., computer language, musical instrument, welding, etc.).	0	1	2
(40)	Become a parent (had a child, adopted a child, or become a foster parent).	0	1	2

3. We would like to ask you about scientific matters.

3-1. When listening to the news or reading newspapers, we often encounter multiple examples of technical terms. How well do you understand the meaning of the following terms? Please respond by circling the most appropriate answer for each term from (1) to (5).

	Do not understand	Understand poorly	Have a general idea	Understand clearly
(1) Scientific research	1	2	3	4
(2) Internet	1	2	3	4
(3) DNA	1	2	3	4
(4) Molecules	1	2	3	4
(5) Radiation	1	2	3	4

3-2. For the following questions, please select and circle the number that you think is correct.

(1) If you were to look for DNA in the human body, where do you think you would find it? Please choose one of the following:
 1) Hair (e.g., from the head) 2) Body fluids like blood 3) Inside the mouth, nails, or skin 4) Bones and muscles
 5) Anywhere in the human body 6) Don't know 7) Other (please specify:)

(2) Consider the following situation. Two scientists want to find out if a certain drug is effective for treating high blood pressure. The first scientist administers the drug to 1,000 patients with high blood pressure and investigates the number of people who end up with decreased blood pressure. The second scientist gives the drug to 500 patients, but not to 500 other patients, and then asks each group if their blood pressure has dropped. Which method do you think is appropriate for testing this drug?

- 1) Administering the drug to all 1,000 patients
- 2) Administering the drug to 500 patients, but not to the other 500 patients
- 3) Don't know

Please answer only if you selected answer 2) for the question above.

(2- Why did you feel such a method was appropriate? Please choose only one reason.

- 1) 1) Because the number of people taking the experimental drug is smaller 2) Because it allows for comparison 3) Because it uses a double-blind method 4) Because there is a control group 5) Don't know 6) Other ()

3-3. Please answer “correct” or “incorrect” for the following statements (1) to (13). When you don’t know or do not feel confident, please answer “Don’t know.”

	Correct	Incorrect	Don't know
(1) The center of the Earth is extremely hot.	1	2	3
(2) All radioactivity is produced artificially.	1	2	3
(3) The oxygen we breathe is produced by plants.	1	2	3
(4) The father’s genes decide whether a baby will be a boy or a girl.	1	2	3
(5) Lasers are obtained by concentrating sound waves.	1	2	3
(6) Electrons are smaller than atoms.	1	2	3
(7) Antibiotics kill viruses as well as bacteria.	1	2	3
(8) The universe began with a huge explosion.	1	2	3
(9) Continents have shifted over tens of thousands of years, and will continue to move in future.	1	2	3
(10) Modern humans evolved from primitive animal species.	1	2	3
(11) Smoking causes lung cancer.	1	2	3
(12) The earliest humans lived at the same time as the dinosaurs.	1	2	3
(13) Radioactively contaminated milk is safe if boiled.	1	2	3

3-4. Please select and circle what you think to be the correct answer for the following questions.

(1) Which do you think is faster, light or sound?
1) Light 2) Sound 3) Both are about the same 4) Don't know

(2) Does the earth orbit the sun, or does the sun orbit the earth?
1) The earth orbits the sun 2) The sun orbits the earth 3) Don't know

(2-1) Please answer only if you selected answer 1) for the question above.

How long does it take for the earth to orbit the sun? One day, one month, or one year?

1) 1 day 2) 1 month 3) 1 year 4) other () 5) Don't know

3-5. A couple was told by a physician that the combination of their genes meant that their children would have a one in four chance of being born with a congenital illness. In light of this, do you think that each of the following ideas are "correct" or "incorrect"?

(1) If the first three children did not have the illness, the fourth child would have the illness. 1. Correct 2. Incorrect

(2) If the first child had the illness, the next three would not have the illness. 1. Correct 2. Incorrect

(3) All children would be born with the same probability of having the illness. 1. Correct 2. Incorrect

(4) If the couple only had three children, none of the children would be ill. 1. Correct 2. Incorrect

4. For the following hypothetical situations, please read the explanation and select the answer that you feel is best.

■ Imagine that you and someone that you did not know paired up to participate in an experiment. You have never met this person before, and you will never meet them again. You now have to choose one of three options, A, B, or C.

Ex.:

	A	B	C
Amount of money you will receive	¥500	¥500	¥550
Amount of money that the other person will receive	¥100	¥500	¥300

In this example, if you choose option A, you will receive ¥500 and your “partner” will receive ¥100. Thus, your choice will govern how much both you and your partner will be able to receive. There is no correct answer to this question. Please choose the one that you feel is best according to your own reasoning.

For each of the following nine questions, please select and circle one of either A, B, or C

Q. 1	A	B	C
Amount of money you will receive	¥480	¥540	¥480
Amount of money that the other person will receive	¥80	¥280	¥480
Q. 2	A	B	C
Amount of money you will receive	¥560	¥500	¥500
Amount of money that the other person will receive	¥300	¥500	¥100
Q. 3	A	B	C
Amount of money you will receive	¥520	¥520	¥580
Amount of money that the other person will receive	¥520	¥120	¥320
Q. 4	A	B	C
Amount of money you will receive	¥500	¥560	¥490
Amount of money that the other person will receive	¥100	¥300	¥490
Q. 5	A	B	C
Amount of money you will receive	¥560	¥500	¥490
Amount of money that the other person will receive	¥300	¥500	¥90
Q. 6	A	B	C
Amount of money you will receive	¥500	¥500	¥570
Amount of money that the other person will receive	¥500	¥100	¥300
Q. 7	A	B	C
Amount of money you will receive	¥510	¥560	¥510
Amount of money that the other person will receive	¥510	¥300	¥110
Q. 8	A	B	C
Amount of money you will receive	¥550	¥500	¥500
Amount of money that the other person will receive	¥300	¥100	¥500
Q. 9	A	B	C
Amount of money you will receive	¥480	¥490	¥540
Amount of money that the other person will receive	¥100	¥490	¥300

5. Please circle the applicable numbers regarding yourself.

- (1) Please tell us your gender. 1) Male 2) Female
- (2) How old are you?
 1) 10 to 19 2) 20 to 29 3) 30 to 39 4) 40 to 49
 5) 50 to 59 6) 60 to 69 7) 70 to 79 8) 80 or older
- (3) Do you have a job?
 1) Full-time homemaker 2) Part-time job / side job
 3) Full-time employee (company employee, civil servant, salaried official, etc.)
 4) Self-employed or family employee (including agriculture)
 5) Retired / pensioner
 6) Student 7) Other (Please specify: _____)
- (4) How many people live in your household, including yourself? If you live alone, please answer “1”: (_____) people
- (5) How long have you lived in Suita? (_____) years
- (6) Which of the following best describes your current residence?
 1) Detached house (owner occupied) 2) Detached house (rental)
 3) Apartment building (owner occupied) 4) Apartment building (rental) 5) Other (Please specify: _____)
- (7) What is your household’s annual income?
 1) Less than ¥1.2 million
 2) Equal to or more than ¥1.2 million but less than ¥3 million
 3) Equal to or more than ¥3 million but less than ¥4 million
 4) Equal to or more than ¥4 million but less than ¥5 million
 5) Equal to or more than ¥5 million but less than ¥6 million
 6) Equal to or more than ¥6 million but less than ¥8 million
 7) Equal to or more than ¥8 million but less than ¥10 million
 8) Equal to or more than ¥10 million but less than ¥15 million
 9) Equal to or more than ¥15 million

6. Finally, if you have any comments, please feel free to write them here.