Annex 5: Ranas question for exercise

Ranas Question: Water treatment: Chlorine

1. **Considering your practices of drinking water treatment, how you do it normally, how high do you feel is the risk that you contract diarrhea?**

    1= No risk at all; 2 = Little risk; 3 = Medium risk; 4 = High risk; 5 = Extremely high risk

2. **How effortful do you think is it to always treat your drinking water?**

    1= Not effortful at all; 2 = A little effortful; 3 = Medium effortful; 4 = Very effortful; 5 = Extremely effortful

3. **How much do you like always treating your drinking water?**

    1= I don't like at all; 2 = I like a little; 3 = I medium like; 4 = I like it a lot; 5 = I extremely like it

4. **Imagine you contracted diarrhea, how severe would be the impact on your daily life?**

    1= Not severe at all; 2 = Little severe; 3 = Medium severe; 4 = Very severe; 5 = Extremely severe

5. **How often do you treat your drinking water?**

    1= (Almost) never (0%); 2 = Seldom (25%); 3 = Sometimes (50%); 4 = Often (75%); 5 = (Almost) always (100%)

6. **How much do you like the taste of treated water?**

    1= I don't like at all; 2 = I like a little; 3 = I medium like; 4 = I like it a lot; 5 = I extremely like it

7. **What are the most important ways how you can get diarrhea?**

8. **How strongly do you feel an obligation to yourself to always treat your drinking water?**

    1 = No obligation at all; 2 = Weak obligation; 3 = Medium obligation; 4 = Strong obligation; 5 = Extreme obligation

9. **How is drinking water correctly treated?**

10. **How strongly do you intend to always treat your drinking water?**

    1= Not at all strongly; 2 = A little strongly; 3 = Medium strongly; 4 = Very strongly; 5 = Extremely strongly

11. **Considering your practices of drinking water treatment, how you do it normally, how high do you feel is the risk that you contract diarrhea?**

    1= No risk at all; 2 = Little risk; 3 = Medium risk; 4 = High risk; 5 = Extremely high risk

12. **Imagine that you are in a hurry, for example, because your child is crying: How confident are you that you can always treat your drinking water before drinking?**

    1 = Not at all confident; 2 = A little confident; 3 = Medium confident; 4 = Very confident; 5 = Extremely confident

13. **People who are important to you, how much do they think you should always treat your drinking water?**

    1 = Not at all; 2 = A little; 3 = Medium; 4 = A lot; 5 = Extremely

14. **Imagine you have stopped treating your drinking water for several days, for example because there was no chlorine. How confident are you to start always treating your drinking water again?**

    1 = Not at all confident; 2 = A little confident; 3 = Medium confident; 4 = Very confident; 5 = Extremely confident

15. **How important is it for you to always treat your drinking water?**

    1 = Not important at all; 2 = A little important; 3 = Medium important; 4 = Very important; 5 = Extremely important

16. **Do you have a plan how you can always treat your drinking water even if there is no chlorine at home?**
    No answer options are suggested. Answers will be classified into "correct plan" (e.g. I'll boil the water) and "wrong/ no plan" (e.g. I'll drink untreated water).

17. **How many people of your community always treat their drinking water?**

    1 = (Almost) nobody; 2 = Some of them; 3 = Half of them; 4 = Most of them; 5 = (Almost) all of them

18. **How often does it happen that you forget to treat your drinking water before drinking?**

    1 = (Almost) never (0%); 2 = Seldom (25%); 3 = Sometimes (50%); 4 = Often (75%); 5 = (Almost) always (100%)

19. **How much do you feel that you treat your drinking water automatically?**

    1 = Not at all automatically; 2 = A little automatically; 3 = Medium automatically; 4 = Very automatically; 5 = Extremely automatically

20. **How sure are you that you can always treat your drinking water before drinking?**

    1 = Not at all sure; 2 = A little sure; 3 = Medium sure; 4 = Very sure; 5 = Extremely sure

Solution for the classification of the questions

Factor	Item example	Response scale
Vulnerability	Considering your practices of drinking water treatment, how you do it normally, how high do you feel is the risk that you contract diarrhea?	1 = No risk at all; 2 = Little risk; 3 = Medium risk; 4 = High risk; 5 = Extremely high risk
Severity	Imagine you contracted diarrhea. How severe would be the impact on your daily life?	1 = Not severe at all; 2 = Little severe; 3 = Medium severe; 4 = Very severe; 5 = Extremely severe
Factual knowledge	What are the most common ways of getting diarrhea?	No answer options are suggested. Each of the most important ways of contamination correctly mentioned is recorded.
Instrumental beliefs (effort)	How much effort do you think it takes to always treat your drinking water?	1 = Not effortful at all; 2 = A little effortful; 3 = Medium effortful; 4 = Very effortful; 5 = Extremely effortful
Instrumental beliefs (time)	How time-consuming do you think it is to always treat your drinking water?	1 = Not time-consuming at all; 2 = A little time-consuming; 3 = Medium time-consuming; 4 = Extremely time-consuming
Instrumental Beliefs (health)	How certain are you that always treating your drinking water prevents you from getting diarrhea?	1 = Not certain at all; 2 = A little certain; 3 = Medium certain; 4 = Very certain; 5 = Extremely certain
Affective beliefs (behavior)	How much do you like always having to treat your drinking water?	1 = I don't like at all; 2 = I like a little; 3 = I medium like; 4 = I like it a lot; 5 = I extremely like it
Affective beliefs (taste)	How much do you like the taste of treated water?	1 = I don't like at all; 2 = I like a little; 3 = I medium like; 4 = I like it a lot; 5 = I extremely like it
Personal norm	How strong is the obligation you feel to yourself to always treat your drinking water?	1 = No obligation at all; 2 = Weak obligation; 3 = Medium obligation; 4 = Strong obligation; 5 = Extreme obligation
Descriptive norm	How many people in your community always treat their drinking water?	1 = (Almost) nobody; 2 = Some of them; 3 = Half of them; 4 = Most of them; 5 = (Almost) all of them
Injunctive norm	How much do people who are important to you think you should always treat your drinking water?	1 = Not at all; 2 = A little; 3 = Medium; 4 = A lot; 5 = Extremely
Action knowledge	How is drinking water correctly treated?	No suggested answer options. Each critical step for treating water correctly mentioned is recorded.
Self-efficacy	How sure are you that you can always treat your drinking water before drinking it?	1 = Not at all sure; 2 = A little sure; 3 = Medium sure; 4 = Very sure; 5 = Extremely sure
Maintenance self-efficacy	Imagine that you are in a hurry, for example because your child is crying. How confident are you that you will always treat your drinking water before drinking it?	1 = Not at all confident; 2 = A little confident; 3 = Medium confident; 4 = Very confident; 5 = Extremely confident

Recovery self-efficacy	Imagine you have stopped treating your drinking water for several days, for example because there was no chlorine. How confident are you that you will start always treating your drinking water again?	1 = Not at all confident; 2 = A little confident; 3 = Medium confident; 4 = Very confident; 5 = Extremely confident
Action control (planning)	How much attention do you pay to always treating your drinking water before drinking?	1 = No attention at all; 2 = A little attention; 3 = Medium attention; 4 = Much attention; 5 = Extreme attention
Coping planning	Do you have a plan how you might continue to treat your drinking water even if you have no chlorine at home?	No answer options are suggested. Answers will be classified into "correct plan" (e.g. I'll boil the water) and "wrong/ no plan" (e.g. I'll drink untreated water).
Remembering/ forgetting	How often do you forget to treat your drinking water before drinking?	1 = (Almost) never (0%); 2 = Seldom (25%); 3 = Sometimes (50%); 4 = Often (75%); 5 = (Almost) always (100%)
Commitment	How important is it for you to always treat your drinking water?	1 = Not important at all; 2 = A little important; 3 = Medium important; 4 = Very important; 5 = Extremely important
Intention	How strongly do you intend to always treat your drinking water?	1 = Not at all strongly; 2 = A little strongly; 3 = Medium strongly; 4 = Very strongly; 5 = Extremely strongly
Behavior (frequency)	How often do you treat your drinking water?	1 = (Almost) never (0%); 2 = Seldom (25%); 3 = Sometimes (50%); 4 = Often (75%); 5 = (Almost) always (100%)
Habit (automaticity)	How automatically do you feel that you treat your drinking water?	1 = Not at all automatically; 2 = A little automatically; 3 = Medium automatically; 4 = Very automatically; 5 = Extremely automatically