Survey Solutions

IFAD package quiz

SURVEY IDENTIFICATION INFORMATION
QUESTIONNAIRE DESCRIPTION

COVER
No sub-sections, No rosters, Questions: 1, Variables: 1.

QUIZ A
No sub-sections, No rosters, Questions: 15, Variables: 12.

QUIZ B
No sub-sections, No rosters, Questions: 15, Static texts: 1, Variables: 12.

QUIZ C
No sub-sections, No rosters, Questions: 17, Static texts: 1, Variables: 12.

QUIZ D
No sub-sections, No rosters, Questions: 15, Variables: 12.

QUIZ E
No sub-sections, No rosters, Questions: 15, Variables: 12.

POINTS
No sub-sections, No rosters, Questions: 1, Static texts: 1, Variables: 1.

APPENDIX A — CATEGORIES

APPENDIX B — VARIABLES

LEGEND

Basic information

Title   IFAD package quiz

COVER

QUIZ	SINGLE-SELECT	quiz
	01 ◯ A	
	02 ◯ B	
	03 ◯ C	
	04 ◯ D	
	05 ◯ E	

VARIABLE	LONG	points_dash
`show_points == 1 ? points : null`		

QUIZ A

`E quiz == 1`

START TIME	DATE: CURRENT TIME	a_start
	. . . .	

Q1. The household has a daughter Musa who is 7 months old. What do you record in question "A4. How old is Musa?"

SINGLE-SELECT   q1
- 01 ◯ 1
- 00 ◯ 0
- 02 ◯ 0.7
- 03 ◯ 0.58 (7/12 months)
- 04 ◯ None of the above

Q2. The respondent does not know the age of her grandfather who is a household member. What should you do?

SINGLE-SELECT   q2
- 01 ◯ leave empty and leave a comment that they did not know
- 02 ◯ write -99 for Don't Know
- 03 ◯ help respondent to estimate age of grandfather
- 04 ◯ estimate yourself age of grandfather (e.g. by physical appearance)

Q3. When asking for the household members, the respondent tells you the following people. All of them sleep, eat and share a budget with the household unless stated otherwise. For each person, select if they should be listed as a household member or not.

MULTI-SELECT: YES/NO   q3
- 01 ☐ / ☐ Ibrahim, the head of the household. He works in the city and returns every month for a few days
- 02 ☐ / ☐ Fatima, the wife. They married 3 years ago. She lived elsewhere before.
- 03 ☐ / ☐ Muhammad, Ibrahim's son with a previous wife who passed away. Not Fatima's child
- 04 ☐ / ☐ Aisha, Ibrahim's daughter from a previous wife, lives and studies in the city
- 05 ☐ / ☐ Yusuf, Ibrahim's and Fatima's new born child, 4 months old
- 06 ☐ / ☐ Amina, Fatima's mother who lives by herself in the same village but cooks and eats with Fatima

Q4. Bello attended 5 out of 6 years of primary school. What is the highest level of education that Bello has completed?

SINGLE-SELECT   q4
- 01 ◯ NONE / NO EDUCATION
- 02 ◯ PRIMARY
- 03 ◯ SECONDARY
- 04 ◯ TECHNICAL/VOCATIONAL TRAINING (POST SECONDARY)
- 05 ◯ GRADUATE DEGREE (FIRST STAGE TERTIARY)
- 06 ◯ POSTGRADUATE DEGREE (SECOND STAGE TERTIARY)
- -96 ◯ OTHER

Q5. Select all households for which you should select YES in question "B1. In the past 12 months, have you or any member of your household owned or held use rights for any parcel of land, either alone or jointly with someone else, irrespective of how it is used and who uses it?"	MULTI-SELECT q5 01 ☐ 1: don't own or cultivate land, but work as agricultural laborers on other household's parcels 02 ☐ 2: don't own land, but sharecrop it in for cultivation 03 ☐ 3: own land and have documentation, but rent it out to others who cultivate it 04 ☐ 4: own a parcel together with another household and have documentation. It is used for pastures 05 ☐ 5: own land, but have no documentation 06 ☐ 6: own land in another community and have documentation
Q6. Select all statements that are correct according to our parcel definition. A parcel ...	MULTI-SELECT q6 01 ☐ 1: is a group of plots used for the same purpose 02 ☐ 2: is a continuous piece of land 03 ☐ 3: can be separated by a path, canal etc as long as they are less than 1 meter wide 04 ☐ 4: must not be separate by any path or boundaries 05 ☐ 5: can be used for different purposes at the same time 06 ☐ 6: must be managed by the same person 07 ☐ 7: None of the above
Q7. Select all units that will ask you to record parcel size in width and length instead of area.	MULTI-SELECT q7 01 ☐ STEPS 02 ☐ FEET 03 ☐ YARDS 04 ☐ SQUARE METER 05 ☐ HECTARE 06 ☐ ACRE 07 ☐ TAREA 08 ☐ ARROBADA 09 ☐ CANCHON 10 ☐ CATO 11 ☐ CUARTILLA 12 ☐ ESTRADA 13 ☐ LEGUA 14 ☐ MELGA 15 ☐ OLLA 16 ☐ TABLON And 5 other symbols [5]
Q8. The respondent estimates their maize field next to the house to be a third of a TAREA. You are unsure about the size in square meters, you measure it using your steps to be 40 by 30 steps. What is the answer to "B3. How many square meters does <u>one</u> TAREA correspond to?"	NUMERIC: DECIMAL q8 –

Q9. Select all of the following parcels that should be listed in our questionnaire. Assume all parcels to be of normal size unless stated otherwise.	MULTI-SELECT q9
	01 ☐ 1: owned land used for pastures 02 ☐ 2. rented land for pastures 03 ☐ 3: rented land used to cultivate 04 ☐ 4: owned land used to cultivate 05 ☐ 5: land owned by others, share cropped in by household 06 ☐ 6: community land cultivated by household

Q10. Some of the parcel names below might be good enough names for a parcel, depending on the circumstances. Select all parcel names below that are <u>definitely not sufficient</u> names or descriptions of parcels according to our convention.	MULTI-SELECT q10
	01 ☐ Behind the house 02 ☐ Potato parcel 03 ☐ Maize 2 04 ☐ Next to road, behind mango trees 05 ☐ parcel Hadiza rents from Hauwa 06 ☐ Parcel A

Q11. You are interviewing Yahaya who cultivates a parcel that belongs to her neighbour Florence. Florence pays for the seeds, Yahaya does all the work of planting, weeding, harvesting, etc but is not being paid by Florence. They split the harvest 50:50. What is the answer to "B5. Is the parcel ..."	SINGLE-SELECT q11
	01 ◯ owned by anyone in the household (ALSO IF PARTIALLY) 02 ◯ rented from others outside of the household 03 ◯ sharecropped from others outside of the household 04 ◯ occupied, borrowed for free, including common land managed by the farm 05 ◯ PARCEL SHOULD NOT BE LISTED

Q12. You are interviewing Solomon who cultivates a parcel that belongs to his neighbour Comfort. Solomon does all the work of planting, weeding, harvesting, etc. Comfort pays for the seeds, pays Solomon for every day worked and sells the harvest. What is the answer to "B5. Is the parcel ..."	SINGLE-SELECT q12
	01 ◯ owned by anyone in the household (ALSO IF PARTIALLY) 02 ◯ rented from others outside of the household 03 ◯ sharecropped from others outside of the household 04 ◯ occupied, borrowed for free, including common land managed by the farm 05 ◯ PARCEL SHOULD NOT BE LISTED

TAKE A PICTURE SHOWING WHAT IS IN FRONT OF YOU (I.E. WHAT YOU SEE IF LOOKING UP FROM YOUR TABLET).	PICTURE a_picture

END TIME	DATE: CURRENT TIME a_end
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VARIABLE `q1 == 0 ? 1 : 0`	LONG p1

VARIABLE `q2 == 3 ? 1 : 0`	LONG p2

VARIABLE `q3.Yes.ContainsAll(1,2,3,5) && q3.Yes.ContainsOnly(1,2,3,5) ? 2 : 0`	LONG p3

VARIABLE	LONG	p4
q4 == 1 ? 1 : 0		

VARIABLE	LONG	p5
q5.ContainsAll(2,3,4,5,6) && q5.ContainsOnly(2,3,4,5,6) ? 2 : 0		

VARIABLE	LONG	p6
q6.ContainsAll(2,3,5) && q6.ContainsOnly(2,3,5) ? 2 : 0		

VARIABLE	LONG	p7
q7.ContainsAll(1,2,3) && q7.ContainsOnly(1,2,3) ? 2 : 0		

VARIABLE	LONG	p8
q8 == 1800 ? 1 : 0		

VARIABLE	LONG	p9
q9.ContainsAll(1,2,3,4,5,6) && q9.ContainsOnly(1,2,3,4,5,6) ? 2 : 0		

VARIABLE	LONG	p10
q10.ContainsAll(2,3,6) && q10.ContainsOnly(2,3,6) ? 2 : 0		

VARIABLE	LONG	p11
q11 == 3 ? 1 : 0		

VARIABLE	LONG	p12
q12 == 5 ? 1 : 0		

VARIABLE

q4 == 1 ? 1 : 0

VARIABLE

q5.ContainsAll(2,3,4,5,6) && q5.ContainsOnly(2,3,4,5,6)
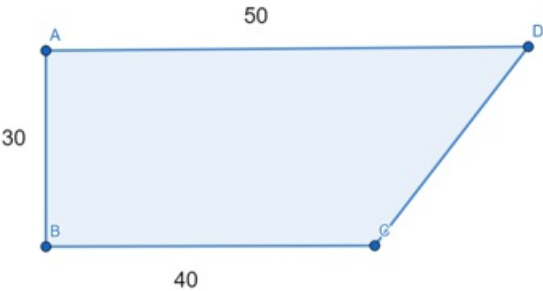? 2 : 0

QUIZ B

E quiz == 2

START TIME	DATE: CURRENT TIME	b_start

Q13. Select all of the following parcels that should be listed in our questionnaire. Assume all parcels to be of normal size unless stated otherwise.

MULTI-SELECT   q13

- 01 ☐ 1: owned, vegetable garden 20 by 20 steps large
- 02 ☐ 2. owned, small maize parcel next to house, 10 x 2 meters
- 03 ☐ 3: owned parcel in other community, cultivated by household
- 04 ☐ 4: owned urban parcel for construction
- 05 ☐ 5: the neighbor's parcel, household members were paid to work on it during planting and harvesting
- 06 ☐ 6: owned parcel with fruit trees
- 07 ☐ 7: owned parcel with timber trees

Q14. When asking for the household members, the respondent tells you the following people. All of them sleep, eat and share a budget with the household unless stated otherwise. For each person, select if they should be listed as a household member or not.

MULTI-SELECT: YES/NO   q14

- 01 ☐ / ☐ Sunday, the head of the household. He works as a guard often eats and sleeps at his work
- 02 ☐ / ☐ Blessing, the wife. Parts of her income goes to household expenses, parts she used for personal expenses
- 03 ☐ / ☐ Emmanuel, adopted child, currently has no job and cannot contribute income
- 04 ☐ / ☐ Esther, their daughter, lives in city, visits every week and brings money for family
- 05 ☐ / ☐ Samuel, Sunday's brother who has been living with them for 8 months, but has a separate budget
- 06 ☐ / ☐ Joy, a live-in househelp who is not member of a household elsewhere

Q15. Maryam dropped out of secondary school and completed a two year course to become a shop manager a few years later. What is the highest level of education that Maryam has completed?

SINGLE-SELECT   q15

- 01 ◯ NONE / NO EDUCATION
- 02 ◯ PRIMARY
- 03 ◯ SECONDARY
- 04 ◯ TECHNICAL/VOCATIONAL TRAINING (POST SECONDARY)
- 05 ◯ GRADUATE DEGREE (FIRST STAGE TERTIARY)
- 06 ◯ POSTGRADUATE DEGREE (SECOND STAGE TERTIARY)
- -96 ◯ OTHER

Q16. You are interviewing Bala who has inherited the parcel from his father who in turn has inherited it from his father. They have no documentation for the parcel. What is the answer to "B5. Is the parcel ..."	SINGLE-SELECT q16 01 ◯ owned by anyone in the household (ALSO IF PARTIALLY) 02 ◯ rented from others outside of the household 03 ◯ sharecropped from others outside of the household 04 ◯ occupied, borrowed for free, including common land managed by the farm 05 ◯ PARCEL SHOULD NOT BE LISTED
Q17. Helen harvested wheat from her parcel 14 months ago. She left it fallow and let the animals graze on it until 2 months ago, when she planted wheat again that is still growing. What is the answer to "B8. Did your household harvest any crop, including tree crops from the parcel during the last 12 months?"	SINGLE-SELECT q17 01 ◯ YES 00 ◯ NO
Q18. Umaru harvested sorghum from his parcel 10 months ago that was planted 16 months ago and has left the parcel fallow since. What is the answer to "B8. Did your household harvest any crop, including tree crops from the parcel during the last 12 months?"	SINGLE-SELECT q18 01 ◯ YES 00 ◯ NO
Q19. You are interviewing Rose. She rents out her parcel to her neighbour Halima who harvested sweet potato from the parcel 2 months ago. What is the answer to "B8. Did your household harvest any crop, including tree crops from the parcel during the last 12 months?"	SINGLE-SELECT q19 01 ◯ YES 00 ◯ NO

STATIC TEXT

An irregular shaped parcel

Q20. Above picture shows an irregularly shaped parcel. You have recorded 30 YARDS as the width of the parcel in B10. What is the answer to "B11. How <u>long</u> is the parcel in YARDS?" I IN YARDS. TAKE AVERAGE IF DIFFERENT ON DIFFERENT SIDES OF THE PARCEL	NUMERIC: DECIMAL q20 -------------------------------- .
Q21. How many hectares are 2,000 square meters?	NUMERIC: DECIMAL q21 -------------------------------- .

Q22. Felicia harvested maize and beans in equal parts from her parcel 6 months ago and has planted mainly potato and only a few cassava last month that are still growing. What is the answer to B12. Which crop or crops did this household harvest from the parcel in the last 12 months? I PROBE 'ANY OTHER CROP?'. RECORD UP TO 3. CONFIRM WITH RESPONDENT THAT CROP HAS BEEN HARVESTED IN PAST 12 MONTHS, AND NOT E.G. BEEN PLANTED ONLY	MULTI-SELECT q22 101 ☐ OTHER SEASONAL CROP 1 102 ☐ OTHER SEASONAL CROP 2 103 ☐ ACHOJCHA 104 ☐ AJI 105 ☐ AJIPA 106 ☐ ALBACA 107 ☐ AMARANTO 108 ☐ ANISE 109 ☐ BANANA (SWEET) 110 ☐ BARLEY 111 ☐ BEANS 112 ☐ BEETROOT 113 ☐ BROAD BEAN 114 ☐ BROCCOLI 115 ☐ CABBAGE 116 ☐ CAÑAWUA And 87 other symbols [3]
Q23. Bashir harvested wheat and lentils from his parcel. They were grown each in their own part of the same parcel. What is the answer to "B13. Were these crops harvested from the parcel in the past 12 months pure stand or mixed stand?"	SINGLE-SELECT q23 01 ○ PURE STAND 02 ○ MIXED STAND
Q24. Juhudi harvested maize and beans from his parcel. They were grown in alternating rows on the parcel. What is the answer to B13. Were these crops harvested from the parcel in the past 12 months pure stand or mixed stand?	SINGLE-SELECT q24 01 ○ PURE STAND 02 ○ MIXED STAND
TAKE A PICTURE SHOWING WHAT IS IN FRONT OF YOU (I.E. WHAT YOU SEE IF LOOKING UP FROM YOUR TABLET).	PICTURE b_picture
END TIME	DATE: CURRENT TIME b_end ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯
VARIABLE `q13.ContainsAll(1,3,4,6,7) && q13.ContainsOnly(1,3,4,6,7) ? 2 : 0`	LONG p13
VARIABLE `q14.Yes.ContainsAll(1,2,3,6) && q14.Yes.ContainsOnly(1,2,3,6) ? 2 : 0`	LONG p14
VARIABLE `q15 == 2 ? 1 : 0`	LONG p15
VARIABLE `q16 == 1 ? 1 : 0`	LONG p16
VARIABLE `q17 == 0 ? 1 : 0`	LONG p17
VARIABLE `q18 == 1 ? 1 : 0`	LONG p18

VARIABLE	LONG	p19
`q19 == 0 ? 1 : 0`		
VARIABLE	LONG	p20
`q20 == 45 ? 1 : 0`		
VARIABLE	LONG	p21
`q21 == 0.2 ? 1 : 0`		
VARIABLE	LONG	p22
`q22.ContainsAll(125,132) && q22.ContainsOnly(125,132) ? 2 : 0`		
VARIABLE	LONG	p23
`q23 == 1 ? 1 : 0`		
VARIABLE	LONG	p24
`q24 == 2 ? 1 : 0`		

QUIZ C

`E quiz == 3`

START TIME	DATE: CURRENT TIME c_start
	....

Q25. Select 3 perennial crops. (Excluding the other specify options)	MULTI-SELECT q25
	101 ☐ OTHER SEASONAL CROP 1
	102 ☐ OTHER SEASONAL CROP 2
	103 ☐ ACHOJCHA
	104 ☐ AJI
	105 ☐ AJIPA
	106 ☐ ALBACA
	107 ☐ AMARANTO
	108 ☐ ANISE
	109 ☐ BANANA (SWEET)
	110 ☐ BARLEY
	111 ☐ BEANS
	112 ☐ BEETROOT
	113 ☐ BROAD BEAN
	114 ☐ BROCCOLI
	115 ☐ CABBAGE
	116 ☐ CAÑAWUA
	And 87 other symbols [3]

Q26. Select 3 seasonal crops. (Excluding the other specify options)	MULTI-SELECT q26
	101 ☐ OTHER SEASONAL CROP 1
	102 ☐ OTHER SEASONAL CROP 2
	103 ☐ ACHOJCHA
	104 ☐ AJI
	105 ☐ AJIPA
	106 ☐ ALBACA
	107 ☐ AMARANTO
	108 ☐ ANISE
	109 ☐ BANANA (SWEET)
	110 ☐ BARLEY
	111 ☐ BEANS
	112 ☐ BEETROOT
	113 ☐ BROAD BEAN
	114 ☐ BROCCOLI
	115 ☐ CABBAGE
	116 ☐ CAÑAWUA
	And 87 other symbols [3]

Q27. Select 3 trees for fruit, leaves, nut harvest. (Excluding the other specify options)	MULTI-SELECT q27 101 ☐ OTHER SEASONAL CROP 1 102 ☐ OTHER SEASONAL CROP 2 103 ☐ ACHOJCHA 104 ☐ AJI 105 ☐ AJIPA 106 ☐ ALBACA 107 ☐ AMARANTO 108 ☐ ANISE 109 ☐ BANANA (SWEET) 110 ☐ BARLEY 111 ☐ BEANS 112 ☐ BEETROOT 113 ☐ BROAD BEAN 114 ☐ BROCCOLI 115 ☐ CABBAGE 116 ☐ CAÑAWUA And 87 other symbols [3]
Q28. Jorge harvested maize from his parcel 11 months ago that he had planted 17 months ago. He again harvested maize from the same parcel last month that he had planted 7 months ago. For the harvest last month, he had to harvest in two different weeks because he got interrupted by rains. What is the answer to "B14. In the past 12 months, how many MAIZE harvests did you have from the parcel?" I ONLY COUNT HARVESTS FROM SEPARATE PRODUCTION CYCLES. ALSO COUNT HARVESTS FOR CROPS PLANTED PRIOR TO 12 MONTHS AGO.	NUMERIC: INTEGER q28 ------------------------------ .
Q29. Amy can cultivate tomatos all year round. They take 6 months to mature. She divides her parcel into 12 parts. Every month, she plants tomatoes on one of the 12 parts and harvests on another part. After harvest she puts compost on the part and leaves it fallow until it will be planted again. This way Amy can sell tomatoes every month. What is the answer to "B14. In the past 12 months, how many TOMATOE harvests did you have from the parcel?" I ONLY COUNT HARVESTS FROM SEPARATE PRODUCTION CYCLES. ALSO COUNT HARVESTS FOR CROPS PLANTED PRIOR TO 12 MONTHS AGO.	NUMERIC: INTEGER q29 ------------------------------ .
Q30. Two thirds of Jose's parcel was cultivated with barley. The other third is too stoney to grow and harvest barley, so Jose did not plant anything there. What is the answer to "B15. In the past 12 months, approximately, what percentage of the parcel was cultivated with BARLEY?" I IN %	NUMERIC: INTEGER q30 ------------------------------ .

Q31. In the section AGRICULTURE, subsection CROPS, the questions on harvest quanitities and harvest uses are asked for the CROP harvested in the past 12 months from...	SINGLE-SELECT q31
	01 ○ the parcel from which most CROP has been harvested
	02 ○ all parcels
	03 ○ the largest parcel that had been cultivated with CROP

Q32. For planting lentils, Lakshmi has used lentils from her previous harvest as seeds. Farmers in the area have used the lentil type as long as they can remember. It is well adapted to the local climate. What is the answer to "B23. Were the seeds/seedlings used for LENTILS that you harvested in the past 12 month mainly improved, hybrid or local?"	SINGLE-SELECT q32
	02 ○ HYBRID
	01 ○ IMPROVED/MODERN
	03 ○ TRADITIONAL/LOCAL

Q33. Select all organic fertilizers.	MULTI-SELECT q33
	01 ☐ Guano
	02 ☐ Nitrogen
	03 ☐ Manure
	04 ☐ Phosphorous
	05 ☐ Slurry
	06 ☐ Compost
	07 ☐ Potassium

STATIC TEXT

Q34. In the past 12 months, Rekha harvested 12 bundles of rice from her largest parcel, and 5 bundles each from the two smaller parcels. Rekha estimates one bundle to be 25 KG, so the total harvest would be 550 KG. How should you record the harvest in the questionnaire?

Q34a. QUANTITY	NUMERIC: DECIMAL q34a
	- .

Q34b. UNIT	SINGLE-SELECT: COMBO BOX q34b
	01 ○ POUND
	02 ○ KILOGRAMS (KG)
	03 ○ TON
	04 ○ ARROBA
	05 ○ QUINTAL
	06 ○ PIECE
	07 ○ BUNCH
	08 ○ BUNDLE
	09 ○ HEAP
	10 ○ LOAD
	11 ○ BAG
	12 ○ SACK
	13 ○ BASKET
	14 ○ BIN
	15 ○ PACKET
	16 ○ BASIN
	And 6 other symbols [4]

VARIABLE lu_units[(int)q34b].lu_in_kg /* take in_kg conversion factor from Excel/look-up table */	DOUBLE q34b_kg

| Q34c. CONVERT %q34b% TO | SINGLE-SELECT | q34c |
| | |

Q34c. CONVERT %q34b% TO

F lu_units[@optioncode].lu_in_kg>0 /* only display units with known conversion factor in Excel*/
E IsAnswered(q34b) && /* if unit has been selected,*/ q34b_kg == null /* and if it is no standard unit with known convertion factor*/

SINGLE-SELECT   q34c

- 01 ◯ POUND
- 02 ◯ KILOGRAMS (KG)
- 03 ◯ TON
- 04 ◯ ARROBA
- 05 ◯ QUINTAL
- 06 ◯ PIECE
- 07 ◯ BUNCH
- 08 ◯ BUNDLE
- 09 ◯ HEAP
- 10 ◯ LOAD
- 11 ◯ BAG
- 12 ◯ SACK
- 13 ◯ BASKET
- 14 ◯ BIN
- 15 ◯ PACKET
- 16 ◯ BASIN

And 6 other symbols [4]

Q34d. How many %q34c% does one %q34b% of RICE weigh?

E IsAnswered(q34b) && /* if unit has been selected,*/ q34b_kg == null /* and if it is no standard unit with known convertion factor*/

NUMERIC: DECIMAL   q34d

Q35. There is an error showing for the questions B25, B26, B27 and B28 in which you recorded the harvest quantity, unit, conversion factor and unit. What should you do? Select all the statements that are correct.

MULTI-SELECT   q35

- 01 ☐ 1: I should check for typos
- 02 ☐ 2: I should check with the respondent if the harvest quantities was correct
- 03 ☐ 3: I can correct the respondent if they are wrong
- 04 ☐ 4: No need to check the parcels and their sizes, this is about harvest quantities
- 05 ☐ 5: I should check the parcels and their sizes
- 06 ☐ 6: I have to fix the error before moving on
- 07 ☐ 7: I should leave a detailed comment, stating what the respondent said and any additional information I might have

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TAKE A PICTURE SHOWING WHAT IS IN FRONT OF YOU (I.E. WHAT YOU SEE IF LOOKING UP FROM YOUR TABLET).

PICTURE   c_picture

END TIME

DATE: CURRENT TIME   c_end

....

VARIABLE
q25.All(x=>x.InRange(203,299)) && q25.Length == 3 ? 2 : 0

LONG   p25

VARIABLE
q26.All(x=>x.InRange(103,199)) && q26.Length == 3 ? 2 : 0

LONG   p26

VARIABLE	LONG	p27
q27.All(x=>x.InRange(303,399)) && q27.Length == 3 ? 2 : 0		

VARIABLE	LONG	p28
q28 == 2 ? 1 : 0		

VARIABLE	LONG	p29
q29 == 1 ? 1 : 0		

VARIABLE	LONG	p30
q30.InRange(66,67) ? 1 : 0		

VARIABLE	LONG	p31
q31 == 2 ? 1 : 0		

VARIABLE	LONG	p32
q32 == 3 ? 1 : 0		

VARIABLE	LONG	p33
q33.ContainsAll(1,3,5,6) && q33.ContainsOnly(1,3,5,6) ? 2 : 0		

VARIABLE	LONG	p34
q34a==12 && q34b == 27 & q34c == 2 && q34d == 25 ? 2 : 0		

VARIABLE	LONG	p35
q35.ContainsAll(1,2,5,7) && q35.ContainsOnly(1,2,5,7) ? 2 : 0		

QUIZ D

E `quiz == 4`

START TIME	DATE: CURRENT TIME	d_start

Q36. You are asking question "B33. Of the 40 BUNDLES of RICE harvested in the past 12 months, how many BUNDLES did your household use or is planning to use for your own household consumption or for your animals?" The respondent answers "maybe 5 bags". What do you do?

SINGLE-SELECT q36

01 ○ Leave the question empty. The respondent did not report in harvesting condition.
02 ○ Record 5. The rice is reported in harvesting condition.
03 ○ Ask the respondent to estimate how many BUNDLES the 5 bags consumed correspond to and record that.
04 ○ None of the above

Q37. Felipe has harvested 20 BAGS of MAIZE in the past 12 months. After drying and decobbing the maize, he was left with 10 big buckets of maize grains. He has already sold 2 of the buckets and thinks he will sell another 4 of them. What is the answer to "B36. Of the 20 BAGS of MAIZE harvested in the past 12 months, how many BAGS did the household sell or is planning to sell?"

I RECORD IN HARVESTING CONDITION. INCLUDE ALL HARVESTED CROP EVEN IF STILL IN STORAGE. INCLUDE ONLY SALES OF UNPROCESSED CROPS

NUMERIC: DECIMAL q37

SPECIAL VALUES

-99 NOT ENOUGH INFORMATION

Q38. Select all options that you should consider as a loss for question "B30. Did you lose any of the CROP that you harvested in the past 12 month after the harvest, for example when processing, storing or transporting?"

MULTI-SELECT q38

01 ☐ 10 buckets of beans were harvested, after de-shelling there were only 2 buckets
02 ☐ 2/3 of a bag of maize were lost through a hole in the bag when transporting it to the market
03 ☐ A heavy rain destroyed half of the field of wheat before it could be harvested
04 ☐ The storage room was flooded and 2 bags of rice went moldy and had to be thrown away
05 ☐ 20 cassava given to the neighbour who helped harvest
06 ☐ None of the above

Q39. Rajesh sold 3 bags of rice for 850 Rupees each. He will sell 7 more bags in a few months when he will get a higher price. He thinks he will get 920 Rupees. He will also mill 1 bag and sell the rice flour which will earn him another 1200 Rupees. What is the answer to "B37. In total, how much did your household earn or is expecting to earn from selling the RICE harvested in the past 12 months?"

I IN RUPEES. ESTIMATE VALUE OF IN-KIND PAYMENTS

NUMERIC: INTEGER q39

Q40. Pratel's household harvested 10 buckets of chickpeas. They used 1 bucket as a gift for their neighbours, 3 buckets to eat and the other 6 to cook food they sell. What is the answer to "B33. Of the 10 BUCKETS of CHICKPEAS harvested in the past 12 months, how many BUCKETS did your household use or is planning to use for your own household consumption or for your animals?"	NUMERIC: DECIMAL	q40
I RECORD IN HARVESTING CONDITION	- -	

Q41. Siti irrigates one of her parcels only in the dry season. What is the answer to "B43. During the last 12 months, did your household irrigate any of the parcels that you cultivated?"	SINGLE-SELECT 01 ○ YES 00 ○ NO	q41

Q42. Select all of the following products that should be considered for question "B56. During the last 12 months, did you or anyone in your household collect any plants, plant products, natural resources, catch any fish or hunt animals from land or water that is accessible to all, for example forests, mountains, lakes, rivers etc?"	MULTI-SELECT 01 ☐ 1: Firewood collected from the woods 02 ☐ 2: Mushrooms collected from the woods 03 ☐ 3: Mushrooms grown in boxes 04 ☐ 4: Honey from a bee hive, the bees collect honey from communal lands 05 ☐ 5: Wild honey from collected from the forest 06 ☐ 6: Fish farming 07 ☐ 7: Fish caught at the sea shore 08 ☐ 8: Collecting stones from riverbed for construction 09 ☐ 9: None of the above	q42

Q43. For which household should you select YES in "C1. During the last 12 months, have you or any member of your household owned or kept any livestock, including poultry?"	MULTI-SELECT 01 ☐ 1: keeps one cow that is borrowed from a friend 02 ☐ 2: a member works on someone else's chicken farm 03 ☐ 3: household has a dog 04 ☐ 4: used to have goats but sold them 6 months ago 05 ☐ 5: keeps one buffalo for working in the fields 06 ☐ 6: owns 5 camels that are kept by a herder elsewhere	q43

Q44. You are interviewing Cucu, who keeps 8 adult goats and 1 young goat that is only two months old. Cucu owns all of them. In addition to the goats she keeps, Cucu has also lent one other goat that she owns to a neighbor that she expects to receive back next year. What is the answer to "C3. How many GOAT are owned by your household now?"	NUMERIC: INTEGER -	q44

Q45. Select all households for which you should select YES in "C14. During the last 12 months, has your household <u>sold</u> any products from your livestock other than meat, such as milk, eggs, wool, etc?"	MULTI-SELECT q45
	01 ☐ 1: sold meat of goats
	02 ☐ 2: sold eggs to the village shop
	03 ☐ 3: sold cakes made from eggs from their chickens
	04 ☐ 4: sold cow dung to a neighbour as a fertilizer
	05 ☐ 5: sold milk to a school
	06 ☐ 6: sold cheese made from their milk

Q46. Select all of the following persons who worked for a wage or salary according to our definition.	MULTI-SELECT q46
	01 ☐ Sumini, worked one day as harvest helper for neighbor, paid in crops harvested
	02 ☐ Neni, a teacher employed by the government
	03 ☐ Diah, selling homemade cakes by the side of the road
	04 ☐ Anis, working in her parents's shop (same household)
	05 ☐ Mimin, works in a restaurant, paid per day, no written contract
	06 ☐ Anton: works as a guard, paid monthly, has contract

Q47. Irfan is the only male member with a salaried job. He works as a guard, always during the first two days every month. What is the answer to "D3. Thinking about the male adult that earns most, during how many months has he worked for a wage or salary in the last 12 months?"	NUMERIC: INTEGER q47

	SPECIAL VALUES
	-99 NOT ENOUGH INFORMATION

TAKE A PICTURE SHOWING WHAT IS IN FRONT OF YOU (I.E. WHAT YOU SEE IF LOOKING UP FROM YOUR TABLET).	PICTURE d_picture

END TIME	DATE: CURRENT TIME d_end

VARIABLE q36 == 3 ? 1 : 0	LONG p36

VARIABLE q37 == 12 ? 1 : 0	LONG p37

VARIABLE q38.ContainsAll(2,4) && q38.ContainsOnly(2,4) ? 2 : 0	LONG p38

VARIABLE q39 == 8990 ? 1 : 0	LONG p39

VARIABLE q40 == 3 ? 1 : 0	LONG p40

VARIABLE q41 == 1 ? 1 : 0	LONG p41

VARIABLE q42.ContainsAll(1,2,5,7,8) && q42.ContainsOnly(1,2,5,7,8) ? 2 : 0	LONG p42

VARIABLE
`q43.ContainsAll(1,4,5,6) && q43.ContainsOnly(1,4,5,6) ?`
`2 : 0`
	LONG	p43

VARIABLE `q44 == 10 ? 1 : 0`	LONG	p44

VARIABLE
`q45.ContainsAll(2,4,5) && q45.ContainsOnly(2,4,5) ? 2 :`
`0`
	LONG	p45

VARIABLE
`q46.ContainsAll(1,2,5,6) && q46.ContainsOnly(1,2,5,6) ?`
`2 : 0`
	LONG	p46

VARIABLE `q47 == 12 ? 1 : 0`	LONG	p47

QUIZ E

E quiz == 5

START TIME	DATE: CURRENT TIME	e_start

Q48. Select all of the following people who worked on their own account or operated a business according to our definition.

MULTI-SELECT q48

- 01 ☐ Pepe, makes cheese from their cow's milk and sells it
- 02 ☐ Jorge, paints walls and houses, paid for the job by clients
- 03 ☐ Alberto, helps Jorge paint houses, paid by Jorge per day
- 04 ☐ Paul, rents a car and works as a taxi driver
- 05 ☐ Berta, has a fish farm and sells the fish
- 06 ☐ Jana, works as a shopkeeper, paid per hour

Q49. Rosa's restaurant is open all year round. During 9 months, her monthly sales are $3,000, and her monthly expenses are $2,000. From December to February is the holiday season and her restaurant is more busy. During those 3 months, her sales go up to $6,000 per month and her expenses to $4,000 per month. What is the answer to "D18. How much were the total sales for this main business or activity in a normal month, i.e. all the gross income earned before paying for any expenses?"

NUMERIC: INTEGER q49

Q50. Cesar's household receives money every month from his daughter who lives in the city and has an office job there. Should this be recorded as other income, and if so under which category?

SINGLE-SELECT q50

- 01 ○ remittances from abroad
- 02 ○ remittances from within the country
- 03 ○ income from properties, investments or savings
- 04 ○ pension / retirement
- 05 ○ assistance from the government (other than pension)
- 06 ○ assistance from NGOs / charitable organization
- -96 ○ other income than what we have talked about? (SPECIFY)
- 00 ○ SHOULD NOT BE RECORDED AS OTHER INCOME

Q51. How should you adminster the questions with the ladder showcard (E7-E9)? Select all true statements.	MULTI-SELECT q51 01 ☐ 1: the ladder image should not be shown to respondent, it is for reference only 02 ☐ 2: ideally the respondent should be given the printed show card 03 ☐ 3: if the printed show card is unavailable I can show the image on my tablet 04 ☐ 4: first I show the card to the respondent, then take it away before reading the instructions 05 ☐ 5: I should read the instructions while the respondent is looking at the show card 06 ☐ 6: none of the above
Q52. Julia's household has a solar panel with battery that allows them to charge their phones and produces light for one room at night. What is the answer to "F2. Does the main dwelling have electric light?"	SINGLE-SELECT q52 01 ○ YES 00 ○ NO
Q53. Oscar's home consists of two separate structures. The storage building is made out of mud and roofed with dried grass. The structure where he sleeps with his family has a roof made out of long wooden poles, covered with corrugated iron. What is the answer to "F6. The roof of the main dwelling of Oscar's household is predominantly made of what material?"	SINGLE-SELECT q53 01 ○ THATCH (GRASS OR STRAW) 02 ○ CORRUGATED IRON SHEETS 03 ○ CLAY TILES 04 ○ CONCRETE/CEMENT 05 ○ PLASTIC SHEET 06 ○ ASBESTOS SHEET 07 ○ MUD 08 ○ STEP TILES 09 ○ LONG/SHORT SPAN SHEETS 10 ○ WOODEN POLES -96 ○ OTHER
Q54. Marisol's house is on higher grounds than that of her neighbours. Two months ago, the river flooded their neighbour's houses but did not reach Marisol's dwelling. In the past 12 months, did Marisol's household experience any flood?	SINGLE-SELECT q54 01 ○ Yes 02 ○ No 03 ○ NOT ENOUGH INFORMATION
Q55. Which of the following meals should you consider for question "H1. In the last 7 days, did you or any member of your household consume any..."	MULTI-SELECT q55 01 ☐ 1: a snack eaten at home by one member 02 ☐ 2: a milk shake drank at home by some members 03 ☐ 3: a piece of meat given to a guest 04 ☐ 4: lunch eaten by a member at their workplace 05 ☐ 5: take away food eaten at home by members 06 ☐ 6: none of the above

Q56. Select all of the following statements that are true.	**MULTI-SELECT** q56 01 ☐ 1: I can interview any household member 02 ☐ 2: I can conduct the interview with the neighbor if the household is not available 03 ☐ 3: If I cannot interview a household there is no need to fill in an interview file 04 ☐ 4: If a household is unavailable I can interview who the village leader suggests 05 ☐ 5: I can complete missing questions based on what I think about the household 06 ☐ 6: none of the above
Q57. You interview the following household. Retno (35 years old) sees very blurry in the distance but everything else fine, so uses no seeing aid. Lili (30) wears contact lenses and sees all well, without them she cannot see well. Didi (17) has no problem seeing but likes to wear sunglasses. Yanto (3) is shortsighted but does not have any glasses yet as he is too young. What is the answer to I1. How many household members aged 5 and above have difficulty <u>seeing, even if wearing glasses</u>?	**NUMERIC: INTEGER** q57 ------------------------------------- .
Q58. Felix is part of a youth group in his village, but does not have any active role. He often cannot come to the meetings, but when he does, the others are happy to see him. Does Felix belong to the youth group according to our definition?	**SINGLE-SELECT** q58 01 ○ Yes 02 ○ No 03 ○ I need more information to decide
Q59. Select all of the following statements that are true.	**MULTI-SELECT** q59 01 ☐ 1: I have to fill in the result section for each interview 02 ☐ 2: I only have complete and sync interviews for successfully interviewed households 03 ☐ 3: I can submit interviews with error messages as long as I leave a comment 04 ☐ 4: interviews with error messages must not be submitted 05 ☐ 5: I should check if all questions have been answered before leaving the household 06 ☐ 6: If an unanswered question cannot be completed I can submit the interview with a comment
TAKE A PICTURE SHOWING WHAT IS IN FRONT OF YOU (I.E. WHAT YOU SEE IF LOOKING UP FROM YOUR TABLET).	**PICTURE** e_picture
END TIME	**DATE: CURRENT TIME** e_end ....

VARIABLE	LONG	p48
q48.ContainsAll(1,2,4,5) && q48.ContainsOnly(1,2,4,5) ? 2 : 0		

VARIABLE	LONG	p49
q49 == 3750 ? 1 : 0		

VARIABLE	LONG	p50
q50 == 2 ? 1 : 0		

VARIABLE	LONG	p51
q51.ContainsAll(2,3,5) && q51.ContainsOnly(2,3,5) ? 2 : 0		

VARIABLE	LONG	p52
q52 == 1 ? 1 : 0		

VARIABLE	LONG	p53
q53 == 2 ? 1 : 0		

VARIABLE	LONG	p54
q54 == 1 ? 1 : 0		

VARIABLE	LONG	p55
q55.ContainsAll(1,2,5) && q55.ContainsOnly(1,2,5) ? 2 : 0		

VARIABLE	LONG	p56
q56.ContainsAll(6) && q56.ContainsOnly(6) ? 2 : 0		

VARIABLE	LONG	p57
q57 == 1 ? 1 : 0		

VARIABLE	LONG	p58
q58 == 1 ? 1 : 0		

VARIABLE	LONG	p59
q59.ContainsAll(1,3,5,6) && q59.ContainsOnly(1,3,5,6) ? 2 : 0		

POINTS

SHOW POINTS?

SINGLE-SELECT
SCOPE: SUPERVISOR

`show_points`

01 ◯ SHOW POINTS

02 ◯ DON'T SHOW POINTS

VARIABLE

LONG

`points`

```
new[]{p1,p2,p3,p4,p5,p6,p7,p8,p9,p10,p11,p12, p13,p14,p1
5,p16,p17,p18,p19,p20,p21,p22,p23,p24, p25,p26,p27,p28,p
29,p30,p31,p32,p33,p34,p35, p36,p37,p38,p39,p40,p41,p42,
p43,p44,p45,p46,p47, p48,p49,p50
```

And 43 other symbols [1]

STATIC TEXT

E `show_points == 1`

POINTS: %points%

APPENDIX A — CATEGORIES

[1] YES_NO
Categories: 1:YES, 0:NO

[2] ROOF_MATERIAL
Categories: 1:THATCH (GRASS OR STRAW), 2:CORRUGATED IRON SHEETS, 3:CLAY TILES, 4:CONCRETE/CEMENT, 5:PLASTIC SHEET, 6:ASBESTOS SHEET, 7:MUD, 8:STEP TILES, 9:LONG/SHORT SPAN SHEETS, –96:OTHER (SPECIFY)

[3] CROPS
Categories: 101:OTHER SEASONAL CROP 1, 102:OTHER SEASONAL CROP 2, 103:ACHOJCHA, 104:AJI, 105:AJIPA, 106:ALBACA, 107:AMARANTO, 108:ANISE, 109:BANANA (SWEET), 110:BARLEY, 111:BEANS, 112:BEETROOT, 113:BROAD BEAN, 114:BROCCOLI, 115:CABBAGE, 116:CAÑAWUA, 117:CARROT, 118:CAULIFLOWER, 119:CELERY, 120:CHARD, 121:CHIA, 122:CHICKPEA, 123:CORN / MAIZE, 124:CUCUMBER, 125:FORAGE BARLEY, 126:FORAGE OAT, 127:GARLIC, 128:LENTIL, 129:LETTUCE, 130:FLAX, 131:OATS, 132:ONION, 133:PARSLEY, 134:PEANUT, 135:PEAS, 136:PLANTAIN, 137:POTATO, 138:QUINOA, 139:RADISH, 140:RICE, 141:SESAME, 142:SORGHUM, 143:FORAGE SORGHUM, 144:STRAWBERRY, 145:SUGARCANE, 146:SUNFLOWER, 147:SWEET POTATO, 148:TURNIP, 149:GREEN BEAN, 150:WHEAT, 201:OTHER PERENNIAL CROP 1, 202:OTHER PERENNIAL CROP 2, 203:ALFALFA, 204:CASSAVA, 205:COTTON, 206:HABANERO, 207:OREGANO, 208:OKRA, 209:PEPPER, 210:PINEAPPLE, 211:PUMPKIN / SQUASH, 212:TOMATO, 213:WATERMELON, 214:YUCCA, 301:OTHER TREE HARVEST FRUIT LEAVES 1, 302:OTHER TREE HARVEST FRUIT LEAVES 2, 303:APPLE, 304:ACAI BERRY, 305:CACTUS FRUIT, 306:CHERRY, 307:COCA, 308:COCOA, 309:COFFEE, 310:CUSTARD APPLE, 311:DATES, 312:FIG, 313:GINGER, 314:GRANADILLA, 315:GRAPE, 316:GRAPEFRUIT, 317:LEMON, 318:LIME, 319:MANGO, 320:MEMBRILLO, 321:ORANGE, 322:PACAY, 323:PALMETTO, 324:AVOCADO, 325:PAPAYA, 326:PASSION FRUIT, 327:PEACH, 328:PEAR, 329:PLUM, 330:TANGERINE, 401:OTHER TREE TIMBER 1, 402:OTHER TREE TIMBER 2, 403:BAMBOO, 404:CEDAR, 405:EUCALYPTUS, 406:OAK, 407:PINE, 408:TAJIBO, 409:TARARA

[4] UNITS
Categories: 1:POUND, 2:KILOGRAMS (KG), 3:TON, 4:ARROBA, 5:QUINTAL, 6:PIECE, 7:BUNCH, 8:BUNDLE, 9:HEAP, 10:LOAD, 11:BAG, 12:SACK, 13:BASKET, 14:BIN, 15:PACKET, 16:BASIN, 17:BOWL, 18:JAR, 19:BOTTLE, 20:WHEELBARROW, 21:PICK-UP, –96:OTHER (SPECIFY)

[5] q7: Q7. Select all units that will ask you to record parcel size in width and length instead of area.
Categories: 1:STEPS, 2:FEET, 3:YARDS, 4:SQUARE METER, 5:HECTARE, 6:ACRE, 7:TAREA, 8:ARROBADA, 9:CANCHON, 10:CATO, 11:CUARTILLA, 12:ESTRADA, 13:LEGUA, 14:MELGA, 15:OLLA, 16:TABLON, 17:TIMAD, 18:KEATA, 19:SENGA, 20:BOY, 21:OLMA

APPENDIX B — VARIABLES

[1] points:

```
new[]{p1,p2,p3,p4,p5,p6,p7,p8,p9,p10,p11,p12, p13,p14,p15,p16,p17,p18,p19,p20,p21,p22,p23,p24,
p25,p26,p27,p28,p29,p30,p31,p32,p33,p34,p35, p36,p37,p38,p39,p40,p41,p42,p43,p44,p45,p46,p47,
p48,p49,p50,p51,p52,p53,p54,p55,p56,p57,p58,p59}.Sum()
```

Legend and structure of information in this file

Name of section

Enabling condition for this section

Question title

Type of question, scope

Answer options

Variable name

SECTION 5: OTHER INCOME SOURCES
E `s4_other_sources_which.Contains(98)`

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur?

I **This refers to family relations**
E `s3_time_other > 0`
V1 `s4_rel_leaders_which.Contains(98)`
M1 **Can not be itself**
V2 `(s3_time_other_breeding_advice <= (50 - s3_time_art_in-sem_advice)) ||s3_time_other_breeding_advice == 0`
M2 **This person is not in the list**
F `optioncode != s5_ignored_option_code`

MULTI-SELECT
SCOPE: PREFILLED
`s4_rel_leaders_other`

01 ☐ **Community animal health workers**

02 ☐ **Private**

03 ☐ **Government**

04 ☐ **Livestock keepers association**

05 ☐ **NGO**

And **5 other [13]**

Additional information:
"I" — **Question instruction**
"E" — **Enabling condition**
"V1" — **Validation condition №1**
"M1" — **Message for validation №1**
"F" — **Filter in Categorical questions**

Link to full set in appendix

Breadcrumbs

Type or roster

Roster Title

CHAPTER 3 IDENTIFICATION /
Roster: **LEADER RELATION DETAILS**
generated by fixed list:

01 **Ward Livestock Officer**

02 **Village Livestock Officer**

99 **Other (specify)**

List items