St-9.08.22 Study of a solid waste generaled by a domestic system (biodegradable & non-biodegradable) & its impact on land degra (dation 1. What is domestic waste? Domestic waster is waster that is generated as a result of the ordinary day to day use of a domestic premise e.g. food walte, paper, glass, metals, plastics etc. Domestic waste can be of two types +(i) Biolegradable (i) Biodegradable waste - These are waste that come from our kitchen and it includes food remains, gardlen waste etc. Biodegradable waste is also known as moist waste. This can be composed to obtain manure. Biodegradable wastes over a period of time of opending on the material. ii) Won-, biodegradable waste-. These are the wastes that include old newspapers, broken glass fieres, plastics etc. Non-biodegradably waste is also known as dry waste. Dry wastes (can be recycled and can be reused). Non-I biodegradable wasted seam do not decompose by themseland hence are major pollutants. Biodegradable waster Won-Biodegradable waste 1, Food waste 1. Glass 2. e-waste 3. Plastic 4. Hollalic waster (2) Laber waste 5. Nuclear waster (3) Flyman waste (4) Manure. (5) Vewage. EXMINE

HOUSEHOLD QUESTIONNAIRE

Subject: Study of solid waste generated by a domestic system (biodegradable & nonbiodegradable) and its impact on land degradation

Bachelor of Science in BOTANY (Semester V) Krishna Chandra College Hetampur, Birbhum

- Participation in the study is completely voluntary and written informed consent will be obtained.
- The questionnaire is to be answered by the owner of the house.
- Before starting to answer the questions, Please go through the instructions relevant to each question and identify the correct answer for each question.

Details of Respondent(s):

Name of the	
respondent Kyjya Sultana	- 1 01
respondent Sulfana	Dubraj pur
	J
Name of the interviewer Naxia Danish	
Date 9.08.2022	

The information requested is purely for academic purpose and will be treated confidentially. Thank you for accepting the Questionnaire



General Information

Please put $\sqrt{\ }$ in the appropriate box/boxes for your answer

1. Sex 1. Male 2. Female
2. Please mark your age group in the appropriate box
1. 15-17 2. 18-29 3. 30-39 4. 40-49 5. 50-59 6. 60-64 7. 65 and over
3. How many people are currently living in this house?
4. How many are less than 15 years:
5. How many are more than 15 years: 4
6. How long have you lived in This City?
1. Less than one year (12 months) 2. 1-2 years 3. 3-4 years 4. 5-9 years 5. 10-19 years 6. 20 years or more
7. What is your highest educational level?
1. Never Schooled 2. Primary 3. Middle school 4. High School 5. University graduate 6. Vocational training 7. Other
8. What is your major occupation?
1. Farming 2. Business 3. Government servant
4. Other Homemaker.

Solid waste management

"Solid Waste" means; left-over arising from human, animal or plant activities that are normally discarded as useless"

9. Have you ever heard about solid waste management?	
1. Yes	
If yes, in what way? (One or more answers)	
1. over radio	
2 Over TV	
3 In public meeting	
4 In school	
5 On poster	
6 Other	
10. Have you ever been educated on proper waste disposal by the counc	ci1?
1. Yes	
1. 10	
11. What type of solid waste comes out from your household? (One or	more answers)
1. Paper and carton	
2. Plastics (bags/bottles)	
3. Food waste	
4. Tins/cans 5. Fiber bags	
5. Fiber bags	
6. Glass	
7. Other	
12. In what type of container do you collect waste? (One or more answ	vers)
1. Carton	Elas
2. Waste Basket	EXAMINES
3. Old bucket	
4. Plastic bag	
5. Tin/can 6. Other. Municipality provided dustries	
6. Other Municipality p. P. D. V. ded dustalin	

13. How often is the waste container emptied?
1. Once a day 2. Once in two days 3. Once in three days 4. Once a week 5. Other
15. Are there any public bins near your house?
1. Yes 0. No
If yes, How long does it take to get there? 1. 5- 10min
17. How can you describe the state of the public bin near your house? (One or more answers).
1. Rusting/ rotting 2. In a good state 3. Adequate size 4. Not in a good condition 5. Inadequate 6. Don't know 7. Other
18. Do you think the waste disposal method is a problem in your neighborhood? 1. Yes 0. No

19. What problems do you think exist in your area as for waste management?
a There, is no public hins. b. Waste are I thrown here and there. c. d.
20. How do you evaluate the state of solid waste collection in your House area?
1. Good 2. Fair 3. Not good 4. Don't have
21. Do you know if there is a waste management center in your locality? 1. Yes 0. No
22. Are you satisfied with the waste management processes of your locality?
1. Yes
23. Have you ever heard about the importance of recycling? 1. Yes 0. No
24. If yes, Do you agree to Solid waste recycling? 1. Yes 0. No 2. Not Sure
25. If a recycling programme was set up, would you be willing to separate materials into separate bags for collection purposes?
1. Yes 0. No 2. Don't know
26. Please explain why the Solid Waste Management is important to you? * Inadequate: Aistribution of transport of 2005le. * Open I wond unhagened way at waste. I disposal.
27. What do you suggest your local govt. to resolve solid waste problems? Local govt can provide bublic bias.

Environmental Impact

Environment" Means; The living and non-living sucroundings, natural or man-made, which make life on earth possible.

28. Do	you kno	w about environmen	ıtal impa	ct of solid	waste?		
	1. Yes		0. No				
29. Do	you ever	notice waste in the	road, lan	d or and p	ublic area?		
	1. Yes		0. No				
30. Do	you ever	notice waste in wat	er recour	ses such a	s the rivers.	lakes, sea	etc?
	1. Yes		0. No				
31. Do	you ever	notice burning wast	e in pub	lic area?			
	1. Yes		0. No	V			
32. Di	d you eve	er hear of health pro	blems du	e to solid	waste?		
	1. Yes		0. No				
33. Do land? <i>(</i>	you notic	ce the presence of the	e follow	ing in and	around pub	olic waste b	in or dumping
1.	Dark flo	owing water					
2.	Odour						
3.	Mosqui	toes and cockroache	s				
4.	Fire				12 m		
5.	Domest	ic animals			AT.	-	
6.	Rats			Į.	A.	1Ati	
7.	Scaveng	gers					VET
8.	Other			••••••			VEJ

Please tell how concerned you are about these Issues in the table.

	1. Concerned	Not Concerned
34. How concerned are you about environmental pollution		
35. How concerned are you about the health impact of waste?	\square'	П
36. How concern are you about Sustainable Development		

37. Would you personally say the solid waste is a major issue currently affecting
your locality?
1. Yes 0. No
38. Do you think there is enough information available about the environmental impacts of Solid waste in your area?
1. Yes 0. No
39. Do you think most environmental issues in your locality could be minimized if solid waste is managed properly?
1. Yes 0. No 🗆
40. Do you agree that the new development process has impact on solid waste generation in your area?
1. Yes 0. No 2. Don't Know
41. Overall, how would you rate the quality of the environment in to the environment you had 5 years ago
1. much better 2. a little better, 3. the same
3. the same
4. a little worse 5. much worse
Sustainable development
Sustainable Development means; "Promoting development at a rate and such a way as to ensure that the quality of the environment and the supply of the resource is maintain and, wherever practicable, enhanced to meet the needs of the present generations without compromising future generations 'need",
42. Have you heard of "Sustainable development"?
1. Yes 0. No
43. Are you aware of sustainable development in your locality?
1. Yes 0. No

DNO.		e of sustainable development for you?

45. Do you thin	k Solid waste mana	agement has impact on sustainable development?
1. Yes		0. No
46. Do you agree Sustainable Dev	e that solid waste n elopment?	nanagement should be developed in your locality for
1. Yes	V	0. No 🗌
47. Do you belie development?	ve that there should	d be environmental conservation for sustainable
1. Yes		0. No
What is the reason	on for your answer	?
•	V	person has a responsibility to contribute to sustainable
1. Yes		0. No -
49. Finally, Plea	se tell me, are you	satisfied with the waste management process in your locality?
1. Ŷes		0. No 🗆
	Thank yo	ou for your participation!!!
		\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\

HOUSEHOLD QUESTIONNAIRE

Subject: Study of solid waste generated by a domestic system (biodegradable & nonbiodegradable) and its impact on land degradation

Bachelor of Science in BOTANY (Semester V)
Krishna Chandra College
Hetampur, Birbhum

- Participation in the study is completely voluntary and written informed consent will be obtained.
- The questionnaire is to be answered by the owner of the house
- Before starting to answer the questions. Please go through the instructions relevant to each question and — identify the correct answer for each question.

Details of Respondent(s):

Name of the

respondent M. HABIB NAWAZ

Name of the Village, block & sub-division Dubrajfur.

Name of the interviewer of Name Daniel

Date 09.08,2022.

The information requested is purely for academic purpose and will be treated confidentially. Thank you for accepting the Questionnaire

EX M.N.

V Comment

General Information

Please put in the appropriate box boxes for your answer

1. Sex 1. Male 2. Female
2. Please mark your age group in the appropriate box
1. 15-17 2. 18-29 3. 30-39 4. 40-49 5. 50-59 6. 60-64 7. 65 and over
3. How many people are currently living in this house?
4. How many are less than 15 years:
5. How many are more than 15 years: 4
6. How long have you lived in This City?
1. Less than one year (12 months) 2. 1-2 years 3. 3-4 years 4. 5-9 years 5. 10-19 years 6. 20 years or more
7. What is your highest educational level?
 Never Schooled ☐ 2. Primary ☐ 3. Middle school ☐ High School ☐ 5. University graduate ☐ 6. Vocational training ☐ Other
8. What is your major occupation?
1. Farming 2. Business 3. Government servant U
4. Other

Solid waste management

"Solid Waste" means left-over acising from human, animal or plant activities that are normally discarded as useless"

	you ever beard about s	olid waste man	agement?		
	Yes V	0. No			
li yes, u	i what way? (One or n	tore answers)			
1	. over radio				
2	Over TV				
3	In public meetin	g 🗌			
+	In school				
5	On poster				
ő	Other	****		8	
10 II					
	you ever been educate			v the council!	
1.	Yes	0. No _			
ted II II	time of colid waste on	mer out from t	nue hancabalá	? (One or more answers)	
	Spe of sond waste co Paper and carton	mes our nom y	om monsembr	i (One or more answers)	
	Plastics (bags bottles)				
	Food waste				
	Tins cans				
	Fiber bags				
	Glass				
۶.	Olifi				
12 In wh	at type of container do	you collect wa	ste? (One or i	nore answers	
1	Carton				
2.	Waste Basket				
3.	Old bucket				
4.	Plastic bag				
5.	Tin can				
б	Other				

13. How often is the waste container emptied?
1. Once a day 2. Once in two days 3. Once in three days 4. Once a week 5. Other 14. Where do you usually put away collected wastes? 1. In the public bin 2. In the itinerant waste van 3. By the valley lake side river 4. By the road or street side 5. On an open space 6. In a hole in own compound 7. Other.
15. Are there any public bins near your house? 1. Yes 0. No
If yes, How long does it take to get there? 1. 5- 10min
17. How can you describe the state of the public bin near your house? (One or more answers) 1. Rusting rotting 2. In a good state 3. Adequate size 4. Not in a good condition 5. Inadequate 6. Don't know 7. Other
18. Do you think the waste disposal method is a problem in your neighborhood? 1. Yes 0. No

a Sublice bens are not well maintained be Sublice bins are away from the house.
20. How do you evaluate the state of solid waste collection in your House area? 1. Good
21. Do you know if there is a waste management center in your locality? 1. Yes 0. No
22. Are you satisfied with the waste management processes of your locality?
1. Yes (0. No.
23. Have you ever heard about the importance of recycling? 1. Yes 0. No
24. If yes, Do you agree to Solid waste recycling? 1. Yes 0. No 2. Not Sure
25. If a recycling programme was set up, would you be willing to separate materials into separate bags for collection purposes?
1. Yes 0. No 2. Don't know
26. Please explain why the Solid Waste Management is important to you? St. will make the envisonmental clean and healthy.
2". What do you suggest your local govt. to resolve solid waste problems? They can install more feelic bens.

Environment Micros. The lawing and non-lawing microsodings, natural or man-made, which make life on earth possible.

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50 Do	Miss	make wa	ité in Wate	i itiovi	se such	as the roters lake	s. sea etc. ^a
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	l Yes	$\overline{\mathbf{v}}$		0. No]			
33. Da land	one or m	ce the prese ore miswer	moe of the	follow:	rê ju sir	d around public w	aste bin or dumping
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8	Other		arakê erakirî			enter trus service en e	T 66 (15) (15) (15) (15) (15)
Please	tell how o	concerned	you are a	bour the	ese Issne	s in the table.	
						I. Concerned	Not Concerned
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	w concern of waste	ned are you	u about th	ie healtl	1		
		are you a	bout Susta	rinable		V	
Develo	pmem	8 00					

37. Would you personally say the solid waste is a major issue currently affecting
your locality ?
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38. Do you think there is enough information available about the environmental impacts of Solid waste in your area?
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30. Do you think most environmental issues in your locality could be minimized if solid waste is managed properly?
1. Yes 0. No 🗌
40. Do you agree that the new development process has impact on solid waste generation in your area?
1. Yes 😡 0. No 🗌 2. Don't Know 🔲
41. Overail, how would you rate the quality of the environment in your locality as compared to the environment you had 5 years ago
1. much better 2. a little better. 3. the same 4. a little worse 5. much worse
Lead to the total and the tota
Sustainable Development means: "Promoting development at a rate and such a way as to ensure that the quality of the environment and the supply of the resource is maintain and, wherever practicable, enhanced to meet the needs of the present generations without compromising future generations 'need",
42. Have you heard of "Sustamable development"?
1. Yes 0. No
43. Are you aware of sustainable development in your locality? 1. Yes 0. No

44 Can you explain the in	iportance of sustainable de	relopment for vous lesousces in los present les fectures gene	2
and save	ries our ces fo	ent for present Leture gene	generation ration.
45. Do you think Solid wa 1. Yes 🔲	0. No	et on sustainable development	
40. Do you agree that solid Sustamable Development?	l waste management should	d be developed m your local	ity for
1. Yes	0. No 🗌		
47. Do you believe that the development?	re should be environmenta	il conservation for sustainable	
1. Yes	0. No		
		: Conservation of presources b s best.	
48 Do you agree that ever development 1. Yes	y single person has a respo 0. No	onsibility to contribute to susta	inable
49. Finally, Please tell me. 1. Yes	are you satisfied with the	waste management process i	n your locality ?

Thank you for your participation!!!

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HOUSEHOLD QUESTIONNAIRE

Subject: Study of solid waste generated by a domestic system (biodegradable & nonbiodegradable) and its impact on land degradation

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 Before starting to answer the questions. Please go through the instructions relevant to each question and — identify the correct answer for each question.

Name of the respondent Mehebook Nawax.

Name of the Village, block & sub-division Dubrajour.

Name of the interviewer Naxia Danish.

Date 09,08:2022

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Please put in the appropriate box boxes for your answer

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S. What is your major occupation?
1. Farming 2. Business 2. Government servant
4. Other
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Solid waste management

"Solid Waste" means: left-over acising from human, animal or plant activities that are normally discarded as useless." 9. Have you ever heard about solid waste management? 1. Yes X 0. No If yes, in what way? (One or more answers) over radio Over TV In public meeting In school On poster Other 10. Have you ever been educated on proper waste disposal by the council? Yes 0. No 🗌 11. What type of solid waste comes out from your household? (One or more answers) 1. Paper and carron 2. Plastics (bags bottles) 3 Food waste 4. Tins cans 5. Fiber bags 6. Glass 7. Other..... 12 In what type of container do you collect waste? (One or more answers) Carton 2. Waste Basket 3. Old bucket 4. Plastic bag 5. Tin can 6. Other

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d. For the country make make
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18 Do see thank the waste disposit method is a protect, in to in negative book

10 What problems do you think exist in your area as for waste management? a Shere is no bublic bins in our locality. b c d
20. How do you evaluate the state of solid waste collection in your House area? 1 Good 2 Fair 3. Not good 4 Don't have
21. Do you know if there is a waste management center in your locality? 1. Yes 0. No
22. Are you satisfied with the waste management processes of your locality?
1. Yes (0. No)
23 Have you ever heard about the importance of recycling? 1. Yes 0. No
24. If yes, Do you agree to Solid waste recycling? 1. Yes 0. No 2. Not Sure
25. If a recycling programme was set up, would you be willing to separate materials into separate bags for collection purposes?
1. Yes 0 No 2. Don't know
26. Please explain why the Solid Waste Management is important to you? H. Keeps Out locality Clean
27. What do you suggest your local govt. to resolve solid waste problems? Provide bublic bins in the area.

~On.

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Environment Mean: The living and non-living surroundings, natural or man-made, which make life on earth possible.

28 Do you know abo		impact o	î solid waste]	ר		
20 Do you ever notic		d, land or	and public	area?		
30 Do you ever notic		recourses No		rivers, lakes, s	sea etc. ?	
31. Do you ever notic		n public : No	_			
32. Did you ever hea 1. Yes	0	. No 🗌				
33. Do you notice the land? (One or more at 1. Dark flowing 2. Odour 3. Mosquitoes at 4. Fire 5. Domestic and 6 Rats 7. Scavengers 8. Other	nswert) water water mod cockroaches imals		in and arou	nd public was	te bui or dumping	
Please tell how concerned pollution 35. How concerned impact of waste? 36. How concern are Development	are you about en are you about th	vironme e health	Ι. (Not Concerned	
		/				

37. Would you personally s	ay the solid waste is a major issue currently affecting
your locality?	
1 Yes	0. No 🔲
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1 Yes 🔽	0 No
30. Do you think most entry waste is managed properly	commental assues in your locality could be minimized if solid
1 Yes	0 No 🗆
40. Do you agree that the r	new development process has unpact on solid waste generation in
1 Yes	0 No 🗌 2 Don't Know 🗍
41 Overall how would vo	u rate the quality of the environment of your locality as compared is near ago
i moch better	
2 a little better 3 the same	
4 a little worse	
5 much worse	
	Secretariable description
	nears "Promoting development at a rate and such a way as to ensure wironment and the supply of the resource is maintain and, wherever eet the needs of the present generations without compromising himse
42 Have you heard of "Su	istanable development?
1 Yes	0. No
43. Are you aware of sust	anable development in your locality?
1 Yes	0. No

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45. Do you think S 1. Yes		anagement has impact 0 No	on sustamable deve	·lopment?
46. Do you agree t Sustamable Develo	hat solid wasti opinent?	e management should	be developed iii y	our locality for
1. Yes		0. No 🗌		
47. Do you bekeve development? 1. Yes	e that there sh	ould be environmental 0. No	conservation for su	stainābl e
What is the reason		wer? on mental consortant ch		or sudjairable de velopment,
48 Do you agree development 1. Yes	e that every six	ngle person has a respo	nsibility to continu	e io sustanziole
49. Finally Plea		you satisfied with the	waste management	t process in your locality?

Thank you for your participation!!!

