

**APPENDIX - 4**  
**QUESTIONNAIRE**

Dear Friend,

I am a lecturer and a Ph.D. scholar in Home Management Department to Faculty of Home Science, M.S. University, Baroda. I am approaching you for my doctoral research. I request you to kindly read the questionnaire carefully and furnish the information required.

Please do not hesitate to give correct information because it is needed only for research purpose. I assure you that the information will be kept strictly confidential. Your frank responses will help me to conduct my research successfully.

Expecting your valuable co-operation and thanking you.

Yours sincerely,

(Maneesha Shukul)

Note : Please give information by putting a tick mark ( ) in the suitable columns/space provided along the question or by writing where required.

Your Name and Address : -----

Q.1 Your age in years (Completed ) \_\_\_\_\_

Q.2 Your education (Completed)  
 \_\_\_\_\_ 1. Below Graduation  
 \_\_\_\_\_ 2. Graduate  
 \_\_\_\_\_ 3. Post Graduate

Q.3. Total monthly income of your family from all the sources : Rs. \_\_\_\_\_

Q.4 Please indicate your employment status  
 \_\_\_\_\_ 1. Non-employed  
 \_\_\_\_\_ 2. Employed

Q.5 Below are listed some of the sources which are generally used for collecting information before buying a product. Please indicate the frequency (how many times) with which you use these sources.

Sources of Information	Always	Sometimes	Never
1. Newspaper			
2. Magazine			
3. Leaflets			
4. Television			
5. Video			
6. Cinema			
7. Radio			
8. Displays in the shops			
9. Posters/hoardings on the road			
10. Friends			
11. Relatives			
12. Neighbours			
13. Salesman			

Q.6 Please state what kind of information you get for various household products from the sources mentioned above?

Q.7 The following statements are related to general environmental situation of the earth. Please indicate whether the statements are correct, incorrect or you do not know about them, by putting a tick mark ( ) in the appropriate column.

Sr. No.	Statements	Correct	Incorrect	I do not know
1.	Family planning has nothing to do with environmental problems.			
2.	Environmental pollution is the act of introduction, of extraneous substances or energy into the environment that induces unfavourable changes.			
3.	"Green House Effect" does not allow heat to escape from atmosphere.			
4.	The earth is like a space ship with only limited room and resources.			
5.	People will have to wear oxygen masks, even in ordinary condition to breathe oxygen, in near future due to pollution.			
6.	Air pollution may lead to climatic changes.			
7.	Pollution is more in urban (city) areas than in rural (village) areas.			
8.	There is no relationship between population and pollution.			
9.	Chlorofluorocarbons (C.F.C.) which are mainly used in refrigerators cause depletion of the ozone layer			
10.	Carbon dioxide is one of the causes of "Green House Effect".			
11.	The temperature of the entire earth is rising.			

Sr. No.	Statements	Correct	Incorrect	I do not know
12.	Most of the natural water reservoirs such as lakes, ponds are silted reducing quantity of water they can hold.			
13.	Thinning of Ozone layer in the atmosphere will result in decreasing protection of earth from the excess of hazardous ultraviolet rays from the sun.			
14.	Smoke and Fog together are termed as "Smomg", which is constantly increasing in Northern countries of the world.			
15.	Global warming will increase the water levels in the sea.			
16.	Green House Effect is more in urban areas than in rural areas, due to heavy pollution.			
17.	Water sources near industries are more polluted than those which are away from industries.			
18.	Ozone layer is depleting.			
19.	Increasing Green House effect is resulting in rapid Global warming i.e. rise in temperature of the earth.			
20.	Household waste water does not create water pollution.			
21.	Increasing deforestation is disturbing ecological balance.			
22.	After deforesting their lands, the developed countries want the developing countries not to deforest so that earth's ecological balance can be maintained.			
23.	Pollution of air due to particulates leads to some changes in the climatic patterns of the city.			

Sr. No.	Statements	Correct	Incorrect	I do not know
24.	Increasing use of pesticides does not create pollution.			
25.	Radio active substances are a source of pollution.			
26.	More people living in urban areas are having hearing problems due to noise pollution than people living in rural areas.			
27.	Soil can not be polluted in any way.			
28.	There will be a continuous supply of petroleum products forever.			
29.	There is no need to conserve drinking water.			
30.	Alternative sources of energy must be utilised to conserve the traditional sources of energy.			
31.	Increasing population is one of the important causes of depletion of non-renewable resources.			
32.	"Throw-away" culture is good, economically as well environmentally.			
33.	Much of the metal and other resources are lost permanently in the garbage.			
34.	Preservation of animal life helps to maintain an ecological balance.			
35.	The feedstocks of metals would be exhausted sometime or the later.			
36.	It is wasteful to spend money and efforts on sanctuaries/wild life reserves.			

Sr. No.	Statements	Correct	Incorrect	I do not know
37.	It is incorrect to say that after the Gulf war of 1991 there was "Black snowfall" in Kashmir.			
38.	The desert in Rajasthan is extending all around.			
39.	Nuclear weapons in no way have any threat on the world's environment.			
40.	Economically developed countries have better environment.			
41.	Recycling of waste is becoming 'a must' for the sustainable development of the country.			
42.	The manufacturing, consuming and disposing of many of the consumer products are increasingly creating pollution.			
43.	The high rise buildings have adverse impact on quality of environment.			
44.	Industrialization has improved the environmental quality.			
45.	Urbanization is one of the major causes of polluting urban environment.			
46.	Industries are one of the chief source of water and air pollution.			

Q.8 Do you know or have you heard about voluntary organizations working to "save the environment" and which are active in Baroda?

1. No \_\_\_\_\_ 2. Yes \_\_\_\_\_

Q.9 If Yes, please write the names of such organizations.

\_\_\_\_\_

Q.10 Are you a member of any of these organizations?

1. No. \_\_\_\_\_ 2. Yes \_\_\_\_\_

Q.11 If Yes, please specify the name of the organization, the type of membership you hold and the kind of activities which you do.

1. Organization \_\_\_\_\_
2. Type of membership \_\_\_\_\_
3. Kind of activities \_\_\_\_\_

Q.12 (i) Do you know about "ECOMARK"?

- (1) No. \_\_\_\_\_ (2) Yes \_\_\_\_\_

(ii) If Yes, please write what do you know about it.

(a) What does it mean ? \_\_\_\_\_

(b) What is its purpose ? \_\_\_\_\_

(c) On which products it is given ? \_\_\_\_\_

(iii) Will you buy a product bearing "ECOMARK" even if it costs more?

- (1) No \_\_\_\_\_ (2) Yes \_\_\_\_\_

Q.13 Please indicate by putting a tick mark ( ) in the relevant column, whether the following items cause pollution or harm the environment or not.

Sr. No.	Items	Pollutes in production stage	Pollutes in use stage	Pollutes after disposal	Does not pollute	I do not know
1.	Glass jars, bottles etc.					
2.	Plastic jars, bottles etc.					
3.	Plastic shopping bags					
4.	Plastic milk bags					
5.	Tin containers					
6.	Plastic (disposable) cups etc.					
7.	Paper (disposable) plates etc.					
8.	Pattal and Dona made of tree leaves					
9.	Disposable ballpen					
10.	Old newspapers					
11.	Gift wrapping paper					
12.	Pesticide and/or insecticide in aerosole cans					
13.	Gas/Kerosene					
14.	Petrol					

Q.14. The following statements are related to the responsibilities of each consumer (individual) towards the environmental situation of the earth. Please indicate whether you agree, disagree with the statements or are uncertain. Kindly put a tick mark ( ) in the appropriate column. Remember, there is no right or wrong answer.

Sr. No.	Statements	Agree	Un-Certain	Disagree
1.	If one harms the nature one harms oneself.			
2.	It is expected from each consumer to dispose off the household waste in such a way that it does not pollute the surroundings.			
3.	Consumers can help to save the deteriorating environment of the earth if they do not buy those products whose manufacturing harms the environment.			
4.	When using vehicle, consumers need not be bothered about the noise and air pollution generated by it.			
5.	Choosing life styles which are in harmony with the environment fosters long term benefits to the present and future generations.			
6.	It is not the responsibility of each consumer to participate actively in the activities to save the environment.			
7.	There is no need to bother oneself where and how the solid waste from each household is discarded.			
8.	What life on the earth will be like in the future does not depend on how we take care of it now.			
9.	It is desirable to discontinue using perfumed sprays containing CFCs (Chloro-fluoro Carbons) which damage the ozone layer in the atmosphere.			
10.	One need not bother oneself if he/she sees anywhere water flowing uselessly and being wasted.			
11.	It is expected from each individual as consumer to think for the environment globally and act locally.			



Sr. No.	Statements	Agree	Un-Certain	Disagree
12.	Each individual as a consumer need not accept any responsibility for the proper disposal of waste from the things they buy.			
13.	One consumer alone cannot do anything to save the environment.			
14.	After eating in the parks/picnic spots everyone must see that litter or waste is thrown in the dust bin.			
15.	Unless consumers act now to conserve natural rresources, future generations will be faced with a lower quality of life.			
16.	It is the responsibility of each individual to create healthy environment in order to enjoy it.			
17.	If each consumer makes it a point to send solid waste material for recycling agencies, it will help to solve solid waste disposal problem.			
18.	Organized or individual actions by consumers can save the environment of the earth.			
19.	There is no need for consumers to raise their voice against the industes and institutions which pollute the environment.			
20.	Consumers should be selective in their consumption of resources chosing those which result in the least environmental damage in their extraction and use.			
21.	It is desirable to buy "environment friendly products even if they are little more costly.			
22.	It is a nuisance to keep every type of waste material separated for recycling.			
23.	One need not be aware and need not support the environmental actions taken by city/district/state/central authorities.			
24.	Consumers need to stop buying disposable items like paper/plastic cups and plates to save the environment.			

Sr. No.	Statements	Agree	Un-Certain	Disagree
25.	Each individual does not have any responsibility towards protecting and growing more trees.			
26.	One need not particularly be worried about what the world will be about 100 years from now.			
27.	Those who say that today's trash is tomorrow's cash are wrong.			
28.	The consumers need not bother when they buy any product whether its manufacturing use and disposal harm the environment or not.			
29.	Each consumer must try to prevent pollution generation.			
30.	Consumers may waste less resources of the earth by restricting their wants.			

Below are given some practices related to buying, consumption and waste disposal related to selected household goods. Please read them carefully and indicate which of the alternatives you generally follow by encircling the numbers against the alternative. Even if you do not face the situation provided in some cases, imagine what would you do? Please select only one of the alternatives provided with each practice. Assume that the product available in various types of packaging material is of the same quality and quantity. Please give ALL the reasons for selecting a particular alternative.

#### Q.15. Buying Behaviour

i. I buy cooking oil sold

1. in tins
2. in plastic bottles/bags/jars
3. in tetra pack such as Dhara

Reasons \_\_\_\_\_

ii. I buy coffee powder sold

1. in glass container
2. in refill packs/plastic packaging
3. loose

Reasons \_\_\_\_\_

iii. I buy hair oil available in

1. plastic bottles
2. tin containers
3. glass bottles

Reasons \_\_\_\_\_

- iv. I buy cold drinks available
1. in glass bottles
  2. in paper packs
  3. sometimes in glass bottle, sometimes in paper pack.
- Reasons \_\_\_\_\_
- v. I buy food grains in bulk packed in
1. Plastic gunny bag
  2. Jute gunny bag
  3. Jute gunny bag lined with plastic
- Reasons \_\_\_\_\_
- vi. When I go for shopping
1. I make it a point to carry my own shopping bag to bring the purchased items.
  2. I accept plastic shopping bags from shopkeepers only when my bag is full or I have to do some unplanned purchasing.
  3. I do not bother to carry my shopping bag and bring the purchased items in the plastic bags provided by the shopkeeper.
- Reasons \_\_\_\_\_
- vii. When I buy ball pen
1. I buy the one which is to be used and when exhausted, to be thrown away.
  2. necessarily I buy the one which can be reused.
  3. I buy any kind which looks good and I do not bother whether it is reusable or disposable.
- Reasons \_\_\_\_\_
- viii. I buy disposable plates, cups, etc. to be thrown away after single use made from
1. paper
  2. plastic
  3. leaves of the tree or earthen ware (mati)
- Reasons \_\_\_\_\_
- ix. Generally I buy a dry product packed in
1. reused or recycled paper
  2. fresh paper
  3. plastic (polythene) bag
- Reasons \_\_\_\_\_
- x. When presenting gift to any one
1. I do not wrap the gift
  2. I use new gift wrapping paper by myself/from shop
  3. I use gift paper which I received from somebody or use news paper.
- Reasons \_\_\_\_\_

- xi. I buy detergent
1. of any kind and do not bother about phosphate contents.
  2. I do not know anything about phosphate contents
  3. which does not contain phosphate like "SHUDH" detergent from TATA chemicals.
- Reasons \_\_\_\_\_
- xii. When I buy any utensil for surface or oven cookery...
1. I consider the fuel efficiency of the material of which the utensil is made.
  2. I do not pay any attention to fuel efficiency of the base material.
  3. I consider fuel efficiency of the base material only sometimes.
- Reasons \_\_\_\_\_
- xiii. When I buy any electrical appliance, I
1. consider its expected electricity consumption.
  2. do not bother about its expected electricity consumption
  3. consider expected electricity consumption only in some cases.
- Reasons \_\_\_\_\_
- xiv. I buy a plastic bucket which is made from
1. virgin (new) plastic
  2. reused (recycled) plastic
  3. I do not bother about the type of plastic and buy sometimes recycled and sometimes virgin plastic bucket.
- Reasons \_\_\_\_\_

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**Q.16 Consumption Behaviour**

- i. After consuming goods bought from market, the empty containers in good condition made of glass and plastic
1. are used again to fill up something
  2. thrown in the garbage
  3. sold
- Reasons \_\_\_\_\_
- ii. For a party of about 209 people, I use plates made from
1. paper
  2. glass/steel/durable plastic
  3. tree leaves (pattal)
- Reasons \_\_\_\_\_
- iii. For a party, I supply
1. paper napkins to each guest
  2. cloth napkins to each guest
  3. one cloth napkins to be used in common by all the guests.
- Reasons \_\_\_\_\_

- iv. In a party of moderately large group of people, I serve tea in
1. cups-saucers or mugs of china/steel/melamine plastic
  2. disposable plastic cups (polystyrene cups)
  3. Rampyari (Kulladh/earthen containers)
- Reasons\_\_\_\_\_
- v. For doing their rough work in writing, I provide my children
1. new notebooks/fresh papers
  2. old notebooks having some blank papers or waste papers of computer
  3. slate and a pencil to write over it.
- Reasons\_\_\_\_\_
- vi. When I write a letter, I
1. write a few lines on a large paper
  2. use a smaller paper to write few lines
  3. write maximum possible on the paper.
- Reasons\_\_\_\_\_
- vii. To control cockroaches in my house, I use
1. vapour spray insecticide
  2. insecticide powder
  3. household techniques
- Reasons\_\_\_\_\_
- viii. Once the "dal" (or any liquid) starts boiling on gas stove
1. I always reduce the flame of gas stove
  2. I do not reduce the flame
  3. I reduce the flame of gas stove sometimes.
- Reasons\_\_\_\_\_
- ix. When preparing meals, if vegetable is not cut,
1. I leave the flame of gas burning while I am cutting vegetable
  2. I light the burner only when I am ready to put the food for cooking on burner.
  3. I put the vessel in which vegetable is to be prepared, over a low flame of gas stove.
- Reasons\_\_\_\_\_
- x. For cooking rice and/or "dal", I
1. use pressure cooker
  2. do not use pressure cooker
  3. use pressure cooker only sometimes.
- Reasons\_\_\_\_\_
- xi. For cooking on gas stove, I
1. use flat bottom pans
  2. do not bother about shape of the bottom of the pan
  3. I use flat bottom pans only in some cases
- Reasons\_\_\_\_\_

- xii. When using one burner of the gas, I
1. make it a point to use small burner whenever possible.
  2. use small burner sometimes.
  3. use large burner only.
- Reasons \_\_\_\_\_
- xiii. Generally I clean the burner of gas
1. regularly i.e. daily or on alternate days
  2. only when the burner gives out very low and/or red flame
  3. once in a week
- Reasons \_\_\_\_\_
- xiv. Generally, on open cooking vessel, I
1. place a lid
  2. place a lid only sometimes
  3. do not place a lid
- Reasons \_\_\_\_\_
- xv. To eat the food taken out from refrigerator, I
1. immediately put it on gas stove for warming
  2. allow it to reach to room temperature and then heat it
  3. sometimes I immediately put on gas stove for warming
- Reasons \_\_\_\_\_
- xvi. For preparing "dal" and rice daily, I
1. wash the grains and put on gas for cooking immediately.
  2. soak dal and/or rice after washign for sometime before plutting on gas for cooking
  3. soak "dal" and/or rice only sometimes or only if oil is applied on them as preservative.
- Reasons \_\_\_\_\_
- xvii. Generally, all the family memebtrs present at home
1. have meals together, heating food only once
  2. have meals one by one heating food each time
  3. some have meals together and for others the hot food is kept in insulated containers so that it remains warm.
- Reasons \_\_\_\_\_
- xviii. When I go out of a room
1. I do not bother about switching off lights and fans.
  2. I make it a point to see that I switch off all unneeded lights and fans.
  3. I switch off fan but not light.
- Reasons \_\_\_\_\_
- xix. The greeting cards received on various occasions are
1. thrown away
  2. used as book marks, to make new cards or used for noting telephone calls or shopping lists.
  3. Preserved forever.
- Reasons \_\_\_\_\_

- xx. To protect myself from mosquitoes, I
1. use a repellent "mat" or an insecticide spray
  2. burn neem leaves or use dhoop.
  3. use a mosquito net.
- Reasons \_\_\_\_\_
- 

**Q.17. Waste Disposal Practices**

- i. Empty small bottles of glass and plastic of my house are
1. reused in best possible way
  2. thrown away
  3. sold
- Reasons \_\_\_\_\_
- ii. The waste material made of plastic, glass, tin, paper, etc. are
1. collected separately and sold
  2. thrown all together in the dustbin
  3. collected separately and thrown separately
- Reasons \_\_\_\_\_
- iii. After emptying the contents of the shopping bags and/or packaging bag made of plastic which I receive from shops -
1. I tear into small bits and throw away anywhere.
  2. collect to use or sell later/to give to the rag picker
  3. throw away carefully in garbage can
- Reasons \_\_\_\_\_
- iv. The disposable (throw-away) cups and plates, are
1. thrown in open space near my house along with other wastes
  2. collected in one bag/basket and thrown separately in garbage can provided by corporation
  3. sold
- Reasons \_\_\_\_\_
- v. Bits of waste paper of my house are
1. collected and burnt
  2. collected and thrown in the dustbin
  3. just thrown out of the window of the house
- Reasons \_\_\_\_\_
- vi. When any gift wrapped gift paper is received, the paper is
1. removed carefully and collected for reuse
  2. torn and thrown
  3. removed carefully sometimes only if it is of good quality or design.
- Reasons \_\_\_\_\_

vii. The empty tins of pesticide or insecticide used in my house are

1. disposed along with other waste of my house
2. disposed carefully so as not to harm anyone
3. sold

Reasons \_\_\_\_\_

viii. Empty milkbags of my house are

1. sold after sometimes by me/by servant.
2. thrown in the dustbin
3. washed and reused in the home itself.

Reasons \_\_\_\_\_

ix. After consuming eatables, plastic and/or paper packets on roadside/parks the empty packets are

1. left behind on the road/park
2. definitely thrown in to garbage collection bin by me.
3. thrown in the garbage collection bin only if it is available nearby.

Reasons \_\_\_\_\_