ANNEXURE - 1

QUESTIONNAIRE
SECTION I: CONSUMER KNOWLEDGE

1) Which of the following best describes your role in your household’s food shopping practices?
   a) I am the primary food shopper in my household
   b) I am a secondary food shopper in my household
   c) Other (please specify) ________________

2) What do you generally look for when you buy foods?
   a) Contents b) nutritional value c) price d) quantity e) quality

3) How often do you read foods labels before buying a new food product?
   a.) All of the time b) Most of the time c) Rarely d) seldom e) never

4) On a scale from 1 to 10, please tell us how knowledgeable you are about genetically modified (GM) foods.
   (1 – not at all knowledgeable and 10 – very knowledgeable)
   a) 1 b) 2 c) 3 d) 4 e) 5
   a) 6 g) 7 h) 8 i) 9 h) 10

5) Do you know what organic foods are?
   a) Yes b) No c) Don’t know d) Unsure e) Can’t say

6) Do you know what natural foods are?
   a) Yes b) No c) Don’t know d) Unsure e) Can’t say

7) Do you know the difference between G.M Foods, Natural Foods, Organic Foods?
   a) Yes b) No c) Don’t know d) Unsure e) Can’t say
8) Match the following

<table>
<thead>
<tr>
<th>F D A</th>
<th>Organization related to consumer</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGMARK</td>
<td>Organization related to food</td>
</tr>
<tr>
<td>ISI</td>
<td>Standard for Agricultural products</td>
</tr>
<tr>
<td>CGSI</td>
<td>For electrical Appliances</td>
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</tbody>
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SECTION II: CONSUMER RIGHTS

9) Do you insist for a bill when you buy food products?
   a.) Always  b) sometimes  c) rarely  d) never  e) Depends on the bill amount

10) Do you usually ask for a bill when the bill amount is … ?
    a.) Less than 500  b) more than 500  c) less than 1000  more than 500  d) 1000 +

11) Would you return the food product if it is not up to the mark /expiry date?
    a.) Always  b) sometimes  c) rarely  d) never  e) Depends on the bill amount

12) Have you ever demanded refund of your money?
    a.) Always  b) sometimes  c) rarely  d) never  e) Depends on the bill amount

SECTION III: CONSUMER USE OF FOOD LABELS

13) How often do you read the nutritional section of food labels before buying a familiar food product?
    a) Always  b) Often  c) Sometimes  d) Rarely  e) Never

14) How often do you read the ingredients section of food labels before buying a familiar food product?
    a) Always  b) Often  c) Sometimes  d) Rarely  e) Never

15) How often do you read the nutritional section of food labels before buying a new food product?
    a) Always  b) Often  c) Sometimes  d) Rarely  e) Never
16) How often do you read the ingredients section of food labels before buying a new food product?
   a) Always  b) Often  c) Sometimes  d) Rarely  e) Never

SECTIONIV: CONSUMER AWARENESS AND PERCEPTIONS OF GM FOODS

17) On a 5 point scale, how well informed would you say you are about GM, where 1 means you are not at all informed and 5 means you are very informed.
   a) 5 – very informed  b) 4 – moderately informed  c) 3 – somewhat informed
   d) 2 – minimally informed  e) 1 – not at all informed

18) Are there any foods produced through GM in your local supermarket or grocery store?
   a) Yes  b) No  c) Don’t know  d) Unsure  e) Can’t say

19) How often do you purchase GM food?
   a) All of the time  b) Most of the time  c) Rarely  d) Seldom  e) Never

SECTIONV: CONSUMER PERCEPTIONS OF GM FOODS

20) Please tell us the extent you believe genetically modified (GM) foods (i.e., GM crops and animal feeds) effect our health and society’s wellbeing.
(Please mark one, where SD=Strongly Disagree, D=Disagree, N=Neutral, A=Agree, SA=Strongly Agree)

   a) GM foods can lower your risk of heart disease and some types of cancer  
      SD  D  N  A  SA

   b) GM crops are beneficial to your health since they lead to foods with less chemical residue  
      SD  D  N  A  SA

   c) GM foods may be harmful to people having allergic reactions to particular foods  
      SD  D  N  A  SA
GM crops benefit society because they lower the farmer’s production costs
GM foods should be separated from ordinary foods to prevent contamination
GM foods can have unforeseen harmful effect on human health
GM crops benefit consumers because they lower food prices
GM crops with antibiotic -resistance genes pose health risks for humans since they may reduce the effectiveness of beneficial antibiotics
GM foods pose a health risk since they have traits that may not be detected through normal testing of foods
GM crops are beneficial to society because they help solve food shortages

21) Please tell us the extent you believe genetically modified (GM) foods (i.e., GM crops and animal feeds) effect wildlife and the environment.
(Please mark □ one, where SD=Strongly Disagree, D=Disagree, N=Neutral, A=Agree, SA=Strongly Agree)

The herbicides used with some GM crops kill plants that are beneficial to wildlife
GM crops are harmful to the environment
because they can cross pollinate with non-GM crops
GM crops are beneficial to the environment
because they allow farmers to use fewer herbicides and pesticides
GM fish are harmful to the environment
because they compete with wild fish for food and mating partners
GM crops are beneficial because they lead to
e) adoption of more environmentally friendly farming systems
GM crops are beneficial because they result in
f) increased soil moisture retention, decreased soil erosion, and pesticide run-off
GM crops are harmful to the environment
g) because they kill useful microorganisms in the soil
GM crops are beneficial to the environment
h) because they lead to farming systems that improve air and water quality
GM crops are beneficial because they increase
i) the availability of habitat and ground cover for wildlife
GM crops threaten indigenous plants and animals

SECTION VI: KNOWLEDGE OF GM FOODS

22) Please read the following statements carefully, then circle the response that most nearly reflects your opinion.
SA = Strongly Agree, A = Agree, N = Neutral, D = Disagree, SD = Strongly Disagree

a) GM foods are reasonably safe for human consumption
   SA  A  N  D  SD
b) GM crops may have adverse effects on wildlife and the environment
   SA  A  N  D  SD
   Meat products produced using GM technology are
c) more likely to pose health risks than foods made from GM crops
   SA  A  N  D  SD
d) GM technology benefits society because it allows farmers to produce food more efficiently
   SA  A  N  D  SD
There is no need to be concerned about the safety of GM foods because the Food and Drug Administration (FDA) would not let these products be sold in supermarkets if they were not safe. Food labels are needed to show the presence of GM ingredients since consumers could face unknown health risks.

It is unethical to produce a food using GM technology.

23) Please tell us if you think the following statements are True (T) or False (F) or Don't Know (DNT). (Please mark □ one)
   a) Transferring genes from animals to plants is scientifically possible T F DNT
   b) Tomatoes that have been genetically modified with a fish’s genes will have a fishy taste T F DNT
   c) Genetically Modified potatoes contain genes while ordinary potatoes do not T F DNT
   d) Eating GM foods will not modify a person’s genes T F DNT
   e) Genetically Modified crops are the same as cloning T F DNT

SECTION VII: ETHICS AND TRUST IN BIOTECHNOLOGY INSTITUTIONS

24) Genetic modification raises moral and ethical concerns for some people. Please, tell us the extent you agree or disagree with each of the following statements.
   (Please, mark □ one, where SD=Strongly Disagree, D=Disagree, N=Neutral, A=Agree, SA=Strongly Agree)

   Genetic modification violates the basic principles
   a) regarding the relationship between humans and nature SD D N A SA
   b) Genetic modification is like playing God SD D N A SA
25) Please answer the following questions using a scale from 1 to 5 where 1 indicates no trust at all, and 5 indicates a very high degree of trust.

*Mark one for each*

A. For each of the institutions listed below, how much do you trust the information they provide regarding the safety and nutritional aspect of GM foods?

- a) Government agencies
- b) Consumer and environmental groups
- c) Food and agribusiness companies
- d) Scientists and academics

B. How much do you trust the following institutions to protect wildlife and the environment from potential harmful effects of genetically modified crops?

- a) Government agencies
- b) Consumer and environmental groups
- c) Food and agribusiness companies
- d) Scientists and academics

C. How much do you trust the following institutions regarding testing, inspection, and regulation of GM foods?

- a) Government agencies
- b) Consumer and environmental groups
- c) Food and agribusiness companies
- d) Scientists and academics

Humans have a duty to respect nature and animal welfare

Creating GM plants and animals is morally wrong

GM crops go against nature
SECTION VIII: GENETICALLY MODIFIED (GM) FOODS LABELING POLICY

26) Which labeling policy are you most likely to agree with
   a) Mandatory labeling of GM foods
   b) Voluntary labeling of GM foods

27) Mandatory labeling of GM foods should be
   b) Required only if more than 50% of the product’s ingredients are produced with GM technology.
   c) required only if more than 25% of the product’s ingredients are produced with GM technology.
   d) required only if more than 10% of the product’s ingredients are produced with GM technology.
   e) required only if more than 5% of the product’s ingredients are produced with GM technology.
   f) Required if they contain any trace of ingredients produced with GM technology.

28) If FDA is right and food prices must increase to pay for labeling, would you be willing to pay a premium for mandatory labeling of all GM foods? (Mark one)
   a) Yes   b) No   c) Don’t know   d) Unsure   e) Can’t say

29) What is the largest percentage premium you would be willing to pay? __% 
   a) 0.5   b) 1%   c) 2%   d) 3%   e) None
30) Please read the following statements carefully and tell us to what extent you agree or disagree with each of the following statements.

*(Please mark one, where SD=Strongly Disagree, D=Disagree, N=Neutral, A=Agree, SA=Strongly Agree)*

- Labels that disclose the presence of GM ingredients are necessary to differentiate regular foods from GM foods
- Risks associated with GM foods are acceptable
- I am afraid of eating GM foods
- The potential risks from GM foods have been greatly overstated
- The benefits of GM foods outweigh the risks

31) Please tell us whether you agree or disagree with the following statements.

*(Please mark one, where SD=Strongly Disagree, D=Disagree, N=Neutral, A=Agree, SA=Strongly Agree)*

- I have no problem with buying GM foods
- I avoid buying GM foods...
- I would be willing to buy a GM tomato with enhanced nutritional value
- I would be willing to buy GM foods if they were less expensive
- I would be willing to buy vegetable oil made of genetically modified soybeans
SECTION X: WILLINGNESS TO PAY FOR GM FOODS

32) Would you purchase a non-meat food product (example slow-ripening tomato or corn chips that has been produced using GM technology?
   a) Always   b) Often   c) Sometimes   d) Rarely   e) Never

33) Would you purchase a meat product (example bST milk) that has been produced using GM?
   a) Always   b) Often   c) Sometimes   d) Rarely   e) Never

34) Would you be willing to pay a premium for GM potatoes if they were more nutritious than the usual potatoes you buy?(Mark □ one)
   a) Yes   b) No   c) Cant say

35) Would you be willing to pay a premium for GM beef if it contained less fat and lower cholesterol than the usual beef that you buy? (Mark □ one)
   a) Yes   b) No   c) Don’t know   d) Unsure   e) Can’t say

36) Would you be willing to pay a premium for GM Food Which Claimed to be higher nutritional value
   a) Yes   b) No   c) Don’t know   d) Unsure   e) Can’t say

SECTION XI : DEMOGRAPHICS

37) Gender
   a) Male        b) Female

38) Which of the following best describes your age category in years?
   a) 18–24   c) 35–44   e) 55–64
   b) 25–34   d) 45–54   f) 65 or older

39) Preference for food
   a) Vegetarian   b) Non-Vegetarian   c) both
40) Please indicate the highest education attained. (Circle one)
   a) Less than High school   d) College
   b) High school           e) Graduation
   c) Technical college     f) Post Graduate & Higher

41) What is your marital status?
   a) Married   b) Single   c) Married with children

42) Which of the following categories best describes your income per month?
   a) Less than 15,000  b) 15,000–30,000/-  c) 31,000/- 45,000/-
   d) 46,000–60,000/-  e) 61,000-1,00,000/-  f) 1 lac – 3 lacs
   g) Above 3 lacs.

43) Please chose the one category that most closely describes your occupation?
   a) Business b) Service c) Housewife d) Student e) Agriculture