

## **APPENDICES**

## APPENDIX - I

KNOWLEDGE TEST USED IN THE PILOT  
STUDY TO ESTABLISH RELIABILITY

Knowledge Test to measure Respondent's level of  
Knowledge on quality of environment

Below are given some statements pertaining to quality  
of environment. Please state whether you know a  
statement is correct or incorrect.

("C" - Correct; "IC" - Incorrect).

Sr. No.	Statements	C	IC
1.	Technological advancement leads to more environmental problems.		
2.	Problems of air pollution occurs only in industrial areas.		
3.	Small and congested areas have more pollution problems.		
4.	Motor driven appliances in the home do not have any impact on hearing mechanism.		
5.	Stagnant water enhances growth of mosquitoes.		*
6.	Polluted air does not have any effect on human health.		
7.	Placement of exhaust fan in the kitchen helps to keep the kitchen cool.		
8.	Very bright light is good for efficient vision.		*
9.	Direction in which kitchen is placed in the house is of least importance.		
10.	Fluorescent tube is better for eyes than incandescent light.		
11.	Changes in environmental temperature does not have any effect on body temperature.		
12.	Level of environmental pollution throughout the year remains the same.		
13.	One of the ways to identify polluted water is its taste & smell		*

Sr. No.	Statements	C	IC
14.	Poor visibility is often an indicator of polluted air.		
15.	Cross ventilation is not so much essential in the kitchen.		
16.	Sunlight and fresh air in a dwelling prevent damp and destroy micro organisms, e.g. near sink area.		
17.	Lighting does not have any impact on visual comfort.		
18.	Excessive noise rises blood pressure.		
19.	Unhygienic conditions lead to ill-health.		*
20.	Frequent collection and disposal of kitchen waste is important for hygienic environment.		
21.	Cleaning and appearance of walls is affected by the texture and finish of the wall surface.		
22.	Insecticides are used in the house to control air pollution.		
23.	Clear appearance of water is one of the physical tests to identify quality of water.		
24.	Pollution is any direct or indirect addition or alteration in the original nature of any part of environment that may affect the life.		
25.	Main cause of typhoid and cholera is air pollution.		*
26.	Water stored in matka is always fit for drinking purpose.		
27.	L.P.G. (Gas) never creates pollution while combustion.		
28.	Warm colour should be used in the Kitchen for more light.		
29.	Exposure to persistent noise even if low, may cause hearing problems.		
30.	Adequate light should be available at the place of work.		*

Sr. No.	Statements	C	IC
31.	Best practice to control outside noise is to keep the doors and windows closed.		
32.	It is important to remove garbage immediately by throwing it in open area outside the house.		*
33.	Noise activates digestive system.		*
34.	Boiling of water kills all germs and bacteria.		
35.	Smoke on the wall surface has no effect on reflection of light in kitchen.		
36.	Cooking, cleaning and heating activities in the house generate air pollutants.		
37.	Use of water filter always ensures good quality of drinking water.		*
38.	Jaundice is caused by drinking polluted water.		
39.	Kitchen garbage if properly disposed of or collected in a pit can be used for producing energy and as manure.		
40.	Alum and chlorine are used in water to make its taste better.		
41.	High level of noise pollution causes failure of hearing mechanism.		
42.	Use of sound proof materials helps to control the level of sound.		
43.	Dark colour reflect maximum amount of light.		
44.	Regular cleaning of water storage utensils and tanks is a must for good quality of water.		*
45.	While cooking, it is better to keep the windows/ ventilators closed to avoid fume and odour from spreading.		*
46.	Colour and finish of walls and ceiling affect the quantity of light available in a room.		

Sr. No.	Statements	C	IC
47.	Smoke caused by kerosene and wood leads to many health hazards.		
48.	Kitchen does not require much of light.		
49.	High volume of T.V., radio, etc. does not have any effect on human beings.		
50.	One of the ways to identify polluted air is by its smell.		
51.	Increase in population is one of the main cause of environmental pollution.		
52.	Automobile exhaust gives off dust, fumes, gases and toxic substances.		
53.	Sewage water can be recycled for reuse.		

\* Statements deleted from the test after item analysis.