

## APPENDIX 2

### QUESTIONNAIRES FOR PILOT STUDY

#### For CD Respondents

Here is a list of vocational competencies (knowledge and abilities) which you may have developed, during your study programme in home science. If you have developed the competencies -

- a) to a great extent encircle - E (Excellent)
- b) to some extent encircle - G (good)
- c) not at all encircle - P (poor)

#### Nursery School Teacher

<u>Knowledge of</u>	Excellent	Good	Poor
1. Growth and development of Children	E	G	P
2. Family relationship	E	G	P
3. Child nutrition	E	G	P
4. Curriculum planning for young children	E	G	P
5. Nursery school organisation	E	G	P
6. Methods of teaching children of 3 - 5 years	E	G	P
7. Guidance of young children	E	G	P
8. Needs of backward children	E	G	P
9. Recreational activities for proper growth of children			
a) art	E	G	P
b) music	E	G	P
c) plays	E	G	P
d) Games	E	G	P
e) Toys	E	G	P

<u>Ability to</u>	Excellent	Good	Poor
1. Set the class well for children	E	G	P
2. Teach children of 3 - 5 years of age	E	G	P
3. Understand children as individuals	E	G	P
4. Plan activity for each child as individual and for the group as a whole	E	G	P
5. Handle exceptional children	E	G	P
6. Deal with handicapped children	E	G	P
7. Pay attention to what children say	E	G	P
8. Keep the class in proper discipline	E	G	P
9. Plan curriculum for pre-school children	E	G	P
10. Plan menu for school lunch programme	E	G	P
11. Guide children in the area of :			
- music	E	G	P
- art	E	G	P
- science	E	G	P
- getting along with others	E	G	P
12. Guide children for proper :			
- emotional development	E	G	P
- physical development	E	G	P
- mental development	E	G	P
13. Work with parents for wholesome family relations	E	G	P
14. Select audio-visual aids appropriate for children of 3-5 years	E	G	P
15. Prepare aids to teach children in class	E	G	P
16. Use audio-visual aids to motivate children for learning	E	G	P

Child Welfare Officer

	Excellent	Good	Poor
<u>knowledge of</u>			
1. Child psychology	E	G	P
2. Physical growth and development of children	E	G	P
3. Early childhood education	E	G	P
4. Characteristics of children	E	G	P
5. Child nutrition	E	G	P
6. Hygiene	E	G	P
7. Agencies/services in the field	E	G	P
<u>Ability to</u>			
1. Perform			
a) health inspection duties	E	G	P
b) check up for any abnormality of the child	E	G	P
c) Check up for symptoms of disease	E	G	P
2. Contact welfare agency to provide nutritious food to children suffering from malnutrition	E	G	P
3. Collaborate with medical/para medical worker for welfare of children	E	G	P
4. Make use of locally available resources for the welfare of children	E	G	P
5. Plan the schedule of the programme for children	E	G	P
6. Supervise the execution of the programme planned previously	E	G	P
7. Procure materials and equipment from proper source	E	G	P
8. Execute the programme planned earlier	E	G	P
9. Evaluate the programme	E	G	P
10. Plan for future programmes on the basis of evaluation	E	G	P

11. Work in co-operation with other members of the team	E	G	P
12. To arrange			
a) exhibition for children	E	G	P
b) fairs for children and family	E	G	P
c) children's work for display	E	G	P
13. Promote among children			
a) good eating habits	E	G	P
b) hygienic habits	E	G	P
14. Teach simple craft work to children	E	G	P

#### For CT Respondents

Here is a list of vocational competencies (knowledge and abilities) which you may have developed, during your study programme in home science. If you have developed the competencies.

- a) to a great extent encircle - E (Excellent)
- b) to some extent encircle - G (good)
- c) not at all encircle - P (poor)

#### Garment Designer

<u>Knowledge of</u>	Excellent	Good	Poor
1. Fundamentals of colour harmony	E	G	P
2. Importance of lines in clothing	E	G	P
3. Historic costumes	E	G	P
4. Types of weaves	E	G	P
5. Properties of fibers	E	G	P
6. Sewing equipments	E	G	P

7. Draft of various blocks e.g. adult's bodice block, child's bodice block	E	G	P
8. Design books	E	G	P
9. Types of stitches	E	G	P
10. Recent fashions	E	G	P
<u>Ability to</u>			
1. Sketch basic fashion figures	E	G	P
2. Adopt ideas of historic costume to modern dress	E	G	P
3. Develop blocks for garments	E	G	P
4. Develop paper pattern from blocks	E	G	P
5. Calculate amount of material needed for a garment	E	G	P
6. Create designs in clothing according to fashion trends	E	G	P
7. Adapt designs for clothing from pattern banks	E	G	P
8. Use machine for stitching a garment	E	G	P
9. Complete the finishing details of garments like	E	G	P
plackets	E	G	P
pockets	E	G	P
button holes	E	G	P
10. To Stitch garments for ladies like	E	G	P
sarees blouse	E	G	P
kurta	E	G	P
gown	E	G	P
11. Stitch garments for gents	E	G	P
shirts	E	G	P
pants	E	G	P
Coat	E	G	P

12. Stitch garments for children			
gathered frock	E	G	P
sun - Suit	E	G	P
knicker	E	G	P
13. Use decorative stitches on children's garment	E	G	P
14. Get orders from the customers	E	G	P
15. Display garments as models for customers	E	G	P

Textile Designer

Knowledge of

1. Fundamentals of colour harmony	E	G	P
2. Importance of lines in clothing	E	G	P
3. Properties of natural fibers	E	G	P
4. Properties of man-made fibers	E	G	P
5. Types of natural dyes	E	G	P
6. Types of synthetic dyes	E	G	P
7. Usage of dyes according to the fibre	E	G	P
8. Process of dyeing	E	G	P
9. Types of printing processes	E	G	P
10. Modern trends in designing	E	G	P

Ability to

1. Identify fibers	E	G	P
2. Identify weaves	E	G	P
3. Design fabrics according to fashion	E	G	P
4. Use colour on the fabrics according to fashion	E	G	P
5. Draw designs	E	G	P
6. Evolve new designs	E	G	P
7. Change dyes according to the fibre	E	G	P

8. Make blocks for printing	E	G	P
9. Use several colours for block printing	E	G	P
10. Use the following methods for printing			
screen printing	E	G	P
stencil printing	E	G	P
roller printing	E	G	P
11. Print a saree by batik printing	E	G	P
12. Dye a dupatta by Tie & Dye method	E	G	P

#### For EE Respondents

Here is a list of vocational competencies (knowledge and abilities) which you may have developed, during your study programme in home science. If you have developed the competencies.

- a) to a great extent encircle - E (Excellent)
- b) to some extent encircle - G (good)
- c) not at all encircle - P (poor)

#### Extension Worker

<u>Knowledge of</u>	Excellent	Good	Poor
1. Problems of :			
- rural people	E	G	P
- slum dwellers	E	G	P
2. Various programmes and schemes for rural welfare	E	G	P
3. Non conventional sources of energy	E	G	P
4. Kitchen gardening	E	G	P
5. Family foods and nutrition	E	G	P
6. Extension methods	E	G	P
7. Methods of teaching	E	G	P

## 8. Audio-visual aids

- selection	E	G	P
- preparation	E	G	P
- use	E	G	P

### Ability to

1. Identify problems commonly faced by people from low socio economic status	E	G	P
2. Identify needs of rural people	E	G	P
3. Help people to solve problems regarding :			
- health and nutrition	E	G	P
- education	E	G	P
- family planning	E	G	P
4. Motivate people to adopt new ideas	E	G	P
5. Maintain good rapport with the rural families			
6. Teach rural people about non conventional sources of energy	E	G	P
7. Inform rural people regarding the availability of services in the village	E	G	P
8. Train other village level workers	E	G	P
9. Collect data for various welfare projects	E	G	P
10. Select audio visual aids appropriate to the subject matter of teaching	E	G	P
11. Prepare graphic aids	E	G	P
12. Use audio-visual aids such as VCR, TV, Projector	E	G	P
13. Arrange			
- meetings with public	E	G	P
- meetings with local leaders	E	G	P
- exhibitions	E	G	P
- demonstrations	E	G	P
- health camp	E	G	P
14. Teach illiterate women	E	G	P

Social Welfare Officer

Knowledge of

1. General psychology	E	G	P
2. Characteristics of various age groups	E	G	P
3. Communication techniques	E	G	P
4. Health and hygiene	E	G	P
5. Family economics	E	G	P

Ability to

1. Give guidance in solving problems of home	E	G	P
2. Help people with special needs			
- children	E	G	P
- aged	E	G	P
- handicapped	E	G	P
3. Helping families with lower income group	E	G	P
- to plan for food	E	G	P
- clothing	E	G	P
- to keep them healthy	E	G	P
4. Supervise day care centres for children of working mothers	E	G	P
5. Interpret economic needs of families to the authority	E	G	P
6. Plan the schedule of the programme	E	G	P
7. Supervise the execution of the programme	E	G	P
8. Arrange exhibitions and fairs	E	G	P
9. Arrange special talks on welfare for people	E	G	P
10. Evaluate welfare programmes for future	E	G	P
11. Plan for the future on the basis of evaluation	E	G	P

12. Work in collaboration with medical/para medical worker	E	G	P
13. Work with people of low socio-economic status	E	G	P
14. Impart functional literacy to adult people	E	G	P
15. Talk in public	E	G	P
16. To use audio-visual aids like VCR, Posters, Charts	E	G	P
17. Procure audio-visual aids from proper source	E	G	P

#### FOR FN Respondents

Here is a list of vocational competencies (knowledge and abilities) which you may have developed, during your study programme in home science. If you have developed the competency. -

- a) to a great extent encircle - E (Excellent)
- b) to some extent encircle - G (good)
- c) not at all encircle - P (poor)

#### Hospital Dietitian

<u>Knowledge of</u>	Excellent	Good	Poor
1. Nutritive value of food stuffs	E	G	P
2. Basics of menu planning	E	G	P
3. Cost of food stuffs	E	G	P
4. Nature of diseases	E	G	P
5. Therapeutic diets	E	G	P
6. Market for food stuffs	E	G	P
7. Administrative procedure of institution	E	G	P

Ability to

1. Plan therapeutic diets	E	G	P
2. Calculate nutritive value of food stuffs	E	G	P
3. Account for the food cost	E	G	P
4. Keep sanitation of food stuffs during			
- preparation	E	G	P
- service	E	G	P
5. Serve attractive meals to the patients	E	G	P
6. Confer with staff and doctors about patient's food	E	G	P
7. Instruct nurses in the relationship of modified diets to normal diets	E	G	P
8. Advice Patients in the out patients department on their food intake	E	G	P
9. Visit patients to instruct them in their food needs during hospital stay	E	G	P
10. Adapt nutritive diets to low income conditions according to customs	E	G	P
11. Work with patients	E	G	P
12. Instruct kitchen staff to cook modified diets	E	G	P
13. Supervise the service of diets to ensure proper quantity of food	E	G	P
14. Keep records of :			
purchase of food supplies	E	G	P
all the food that a patient is given	E	G	P

Food Service Manager

Knowledge of

1. Fundamentals of nutrition	E	G	P
2. Human physiology	E	G	P
3. Food chemistry	E	G	P

4. Nutritive value of food stuffs	E	G	P
5. Cost of food articles	E	G	P
6. Principles of business administration	E	G	P
7. Food hygiene	E	G	P

Ability to

1. Plan menus to please the clientele	E	G	P
2. Develop new recipes	E	G	P
3. Plan for the use of left overs	E	G	P
4. Calculate nutritive value of food stuff	E	G	P
5. Determine cost of food stuffs	E	G	P
6. Produce quality food in quantity	E	G	P
7. Produce nutritious food stuff	E	G	P
8. Produce fast food items	E	G	P
9. Maintain quality of food	E	G	P
10. Serve food attractively to clientele	E	G	P
11. Serve customers -			
- quickly	E	G	P
- efficiently	E	G	P
- satisfactorily	E	G	P
12. Put salesmanship into the sale of food	E	G	P
13. Maintain customer's good will	E	G	P
14. Determine quantities of food necessary	E	G	P
15. Keep inventory of all supplies	E	G	P
16. Keep up with the trends	E	G	P
17. Be tactful in dealing with :			
- employees	E	G	P
- customers	E	G	P
- trades people	E	G	P

## For HM Respondents

Here is a list of vocational competencies (knowledge and abilities) which you may have developed, during your study programme in home science. If you have developed the competencies-

- a) to a great extent encircle      - E (Excellent)
- b) to some extent encircle        - G ( good )
- c) not at all encircle              - P ( poor)

### Executive Housekeeper

<u>Knowledge of</u>	Excellent	Good	Poor
1. House keeping equipment	E	G	P
2. Budgeting	E	G	P
3. Cleaning material and methods	E	G	P
4. Care of linens	E	G	P
5. First Aid	E	G	P
6. Room Arrangement	E	G	P
7. Labour regulations	E	G	P
 <u>Ability to</u>			
1. Supervise order of :			
- hotel rooms	E	G	P
- public areas in the hotel	E	G	P
2. Supervise maintenance of :			
Linens	E	G	P
Cleaning equipment	E	G	P
3. Check incoming order of supplies	E	G	P
4. Develop house keeping systems and procedures	E	G	P
5. Prepare schedules of all department employees	E	G	P

6. Prepare annual house keeping budget	E	G	P
7. Issue orders to other workers	E	G	P
8. Co-ordinate with other house keeping staff	E	G	P
9. Work closely with the General Manager on day-to-day house keeping requirements	E	G	P
10. Take up leadership	E	G	P
11. Participate in all department head meetings	E	G	P
12. Prepare reports as required	E	G	P
13. Train department employees to perform the standard procedures as applicable to their job positions	E	G	P
14. Employ people through management and in accordance with labour regulations	E	G	P
15. Provide immediate attention to requests from guests of the hotel	E	G	P

### Interior Designer

#### Knowledge of

1. Principles of art	E	G	P
2. Theory of colour	E	G	P
3. Types of wood	E	G	P
4. Types of floor coverings	E	G	P
5. Trends in furniture styles	E	G	P
6. Care of furniture	E	G	P
7. Furnishing materials	E	G	P
8. Merchandise used in interior decoration	E	G	P
9. Techniques of sketching	E	G	P
10. Simple mathematics	E	G	P
11. Photography	E	G	P

#### Ability to

1. Apply colour theory to furnishings	E	G	P
2. Apply principles of art to room arrangement	E	G	P
3. Apply principles of design to draperies	E	G	P
4. Deal with measurements	E	G	P
5. Estimate cost of furnishings	E	G	P

6. Prepare statements or bills	E	G	P
7. Select furniture to keep within the client's budgetary allotment	E	G	P
8. Construct a lamp shade	E	G	P
9. Design furnitures	E	G	P
10. Construct draperies	E	G	P
11. Present ideas in the form of sketches	E	G	P
12. Visualize from a sketch	E	G	P
13. Help customers to plan their new home furnishings	E	G	P
14. Calculate the exact amount of material needed for covers and draperies	E	G	P
15. Advice the most practical buy for the family	E	G	P
16. Select floorings for the house	E	G	P

For All the Respondent

Researcher

Knowledge of	Excellent	Good	Poor
1. Research methods in social science	E	G	P
2. Sampling methods	E	G	P
3. Tools for data collection	E	G	P
4. Analysis of data	E	G	P
5. Interpretation of data	E	G	P
6. Statistical Procedures	E	G	P
7. Source of reference material	E	G	P
<u>Ability to</u>			
1. Carry out investigations for research independently	E	G	P

2. Prepare a research proposal	E	G	P
3. Carry out pilot study	E	G	P
4. Prepare tools of data collection	E	G	P
5. Establish good rapport with people	E	G	P
6. Convince people to give correct information	E	G	P
7. Collect data from various sources	E	G	P
8. Code the data collected	E	G	P
9. Select proper statistical procedure for a particular problem	E	G	P
10. Analyse the data collected	E	G	P
11. Calculate for various statistical tests	E	G	P
12. Interpret data in effective manner	E	G	P
13. Write a research project report	E	G	P

College Teacher

Knowledge of

1. Subject matter in the area of specialization	E	G	P
2. Philosophy of home science education	E	G	P
3. Psychology of adolescents	E	G	P
4. Factors affecting learning	E	G	P
5. Class room management	E	G	P
6. Methods of teaching e.g. demonstration, laboratory methods	E	G	P
7. Class room management	E	G	P
8. Evaluation techniques	E	G	P
9. Audio-visual aids	E	G	P
10. Counselling and guidance	E	G	P
11. Select aids for teaching	E	G	P

12. Prepare aids for teaching	E	G	P
13. Use audio-visual aids for teaching	E	G	P
14. Arrange the following :			
seminars	E	G	P
workshops	E	G	P
special talks	E	G	P
field trips	E	G	P

Ability to

1. Solve day to day problems in teaching	E	G	P
2. Motivate students for more participation	E	G	P
3. Make teaching enjoyable	E	G	P
4. Plan the lesson according to instructional objectives	E	G	P
5. Use the following effectively -			
films	E	G	P
graphic Aids	E	G	P
Journals	E	G	P
Newspaper articles	E	G	P
6. Give individual guidance to students who are writing an assignment	E	G	P
7. Prepare objective test paper	E	G	P
8. Grade the students objectively	E	G	P
9. Help the principal in administrative work	E	G	P
10. Use the black board effectively -			
11. Select aids for teaching	E	G	P
12. Prepare aids for teaching	E	G	P
13. Use audio visual aids for teaching like V.C.R., Projectors	E	G	P

14. Arrange following :

seminars	E	G	P
work shop	E	G	P
special talks	E	G	P
field Trips	E	G	P