

JMJCOLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: I B.Sc.

Semester: I

HSc-101 Basic Nutrition

Theory: 4 hours + Practical: 3 hours/ week w.e.f. 2015-16 (SVU)

Objectives:

1. To know the functions of various macro-nutrients in the body.
2. To explore the role of minerals and vitamins in human nutrition and the clinical manifestations of their deficiency.
3. To learn the RDA of various nutrients for different age groups.
4. To study the principles of calorimetry, water and electrolyte metabolism.

Unit I : Definition and introduction to nutrition-good nutrition and mal nutrition **Macro Nutrients** - Classification, , functions, dietary sources, RDA, clinical manifestations of deficiency and excess and storage in the body of the following in brief:

☐ Energy

☐ Carbohydrates, lipids and proteins

Unit II : Classification, , functions, dietary sources, RDA, clinical manifestations of deficiency and excess of the following in brief:

☐ Fat soluble vitamins-A, D, E and K

☐ Water soluble vitamins – thiamin, riboflavin, niacin, pyridoxine, folate, vitamin B12 and vitamin-C

☐ Minerals – calcium, iron, iodine, fluorine and zinc

Unit III : A) Energy value of foods and energy requirement – the body's need for energy BMR activities, utilization of food to energy requirements.

B) Basal metabolism, factors affecting basal metabolic rate, calorogenic effect of food, specific dynamic action of food.

C) Acid base balance.

Unit IV : Importance of water and water balance – functions, sources, requirement – effect of deficiency.

Unit V : A) Interrelation between nutrients – nutrition and health – visible symptoms of good health.

B) Nutrition and Infection

PRACTICALS

1. Standardization of weights and measures of various food items.
2. Consulting Nutritive value of Indian Foods, calculating the nutritive value of recipe
3. Identification of nutrient rich sources of foods, their seasonal availability and price.

4. Study of nutrition labelling on selected foods.
5. List out low cost nutrient rich foods.
6. List out nutrient foods for different income groups.

7. Preparation of Soups
8. Preparation of salads

REFERENCES

1. Bamji MS, Krishnaswamy K, Brahmam GNV (2009). Textbook of Human Nutrition, 3rd edition. Oxford and IBH Publishing Co. Pvt. Ltd.
2. Wardlaw MG, Insel PM (2004). Perspectives in Nutrition, Sixth Edition Mosby
3. Swaminadhan S, Advanced Text book on foods & nutrition,(1985) Vol. I&II (2nd revised and enlarge) Rappc.
4. Vijaya Khader, (2000)Food, nutrition & health, Kalyan Publishers,

JMJCOLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: I B.Sc. Semester: I

HSc-101 Basic Nutrition

Theory: w.e.f. 2015-16 (SVU)

Model Question Paper

Time: 3 hrs.

Max. Marks: 70

Section – A

Answer any four Questions not exceeding 10 sentences

Each question carries 5 Marks

(Marks = 4x5 = 20 marks)

1. Write the classification of proteins.
2. Define acid base balance and how it is maintained in the body.
3. Write the functions of carbohydrates.
4. Discuss the role of vitamin-A.
5. What are the visible symptoms of good health.
6. What are the functions of lipids.
7. Discuss the functions of B-complex vitamins in the body.
8. What about the dietary sources and recommend dietary allowance of calcium for different age groups.

Section – B

Answer any five Questions not exceeding (2) pages each

Each Question carries 10 marks

(Marks = 5x10 = 50 marks)

9. Give the relation between nutrition and infection.
10. What is BMR? What are the factors affect BMR.
11. Importance of water and water balance in the body.
12. Write in detail about flourine.
13. What do you know about Iron.
14. Discuss the interrelationship of the nutrients.
15. Write about the functions and sources of Iodine.
16. What are the dietary sources and functions of zinc.

JMJCOLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: I B.Sc.

Semester: I

HSc-102 Biochemistry

Theory: 4 hours + Practical: 3 hours/ week w.e.f. 2015-16 (SVU)

Objectives:

- To help the students to understand the importance of Biochemistry as the basis for Nutrition.
- To acquire knowledge about digestion of foodstuffs.
- To make them aware of the fundamentals of macronutrients and their reactions.

THEORY

Unit-I

Introduction to the study of Biochemistry-

Digestion of food: Structure of alimentary canal, Digestion of carbohydrates, lipids and proteins; Role of salivary glands, liver, pancreas in digestion; Absorption of food.

Unit-II

Chemistry of carbohydrates, chemical characteristics, classifications, Isomerism – (Stereo – Geometrical & optical isomerism) structure of glucose, properties and tests of mono, di and polysaccharides, ring structure & tautomeric forms of sugars, colour reactions of carbohydrates.

Unit-III

Chemistry of lipids – Classifications and properties of fatty acids, and lipids. Colour reactions of lipids.

Unit-IV

Chemistry of proteins: Definition, properties, classification, structures of proteins and amino acids. Colour reactions of proteins.

Unit-V

Nucleic acids- DNA structure, Types of RNA, Nucleoproteins – Their role in protein synthesis.

PRACTICALS

1. Qualitative analysis of carbohydrates- Monosaccharides (Glucose, Fructose), Disaccharides (Lactose, Maltose and Sucrose) and Polysaccharides (Starch).
2. Qualitative analysis of amino acids (Tyrosine, Tryptophan and Arginine).
3. Qualitative analysis of Lipids.

REFERENCES

1. A.V.S.S. Rama Rao, A Text book of Biochemistry, 6th edition, UBSPD publications.
2. J.L. Jain, Sunjay Jain, Nitin Jain, S.C.H and publications.
3. S.C. Rastogi, Biochemistry, TATA MC Graw Hill 2nd edition.
4. U. Satyanarayana, Biochemistry, Uppala Author publishers, 2nd edition.
5. BIOCHEMISTRY – Saras publications

JMJCOLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: I B.Sc.

Semester: I

HSc-102 Biochemistry

Model Question Paper w.e.f. 2015-16 (SVU)

Time : 3 hrs

Max. Marks :70

Section – A

Answer any four Questions not exceeding 10 sentences

Each question carries 5 Marks

(Marks = 4x5 = 20 marks)

- 1) Write the colour reactions of carbohydrates.
- 2) Explain ring structure of Glucose.
- 3) Write about Phospholipids.
- 4) What are essential fatty acids.
- 5) Write about Isolation of proteins.
- 6) Write about peptide bond.
- 7) Discuss on polysaccharides.
- 8) What are nucleotides.

Section – B

Answer any five Questions not exceeding (2) pages each

Each Question carries 10 marks

(Marks = 5x10 = 50 marks)

- 9) Write any three chemical reactions of carbohydrates.
- 10) Write the classification of lipids.
- 11) Explain about the structure of proteins.
- 12) Write properties of fatty acids due to double bond.
- 13) Explain the structure of DNA.
- 14) Explain the Isomerism of carbohydrates.
- 15) Explain the classifications of proteins.
- 16) Explain the role of nucleoproteins in protein synthesis.

JMJCOLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: I B.Sc.

Semester: I

HSc-103 Microbiology

Theory: 4 hours + Practical: 3 hours/ week w.e.f. 2015-16 (SVU)

THEORY

UNIT-I

Introduction to Microbiology history and its value.

Relation of Microbiology to other sciences.

Microscopic world:

Protozoa, Algal, Molds, Actinomycetales, Saccharomycetes, Bacteriaceae, Rickettsiae, Viruses, Classification – General characteristics of microorganisms, Morphology, Growth, Nutrition, Reproduction

UNIT –II

Microbial pathogenesis

- A) Important bacterial (Cholera, Typhoid, Leprosy, Tuberculosis, Diphtheria)
Rickettsial (typhus, group of spotted fever)
Viral (Measles, Encephalitis, Influenza, Poliomyelitis)
Protozoa: Diseases (Amoebiasis, Malarial disease of man)

- B) Modes of infection, diagnosis, treatment, and control of infection of the above mentioned diseases

UNIT –III

- A) Bacterial physiology, Motility, growth and death of Bacteria, growth requirements –
Temperature Oxygen, P^H
- B) Microorganisms in fermentation and decay
- C) Bacterial Genetics – Variations, Mutations & Recombination

UNIT –IV

Microbiology of foods and dairy products (vegetables, fruits, eggs, meat, milk, fish), Methods of food preservation, Food borne infections, Food poisoning Afla toxins

UNIT –V

Microbiology of Special Environment

- A) Study of microbes in soil, water, air sewage and plants, and animals
- B) Sanitation of drinking water
- C) Role of Microbes in carbon and nitrogen cycle

PRACTICALS

1. Precautions to be taken in the Microbiology laboratory
2. Study of Microscope and its parts
3. Sterilization procedures
 - a) Autoclaving
 - b) Hot air oven
4. Media preparation
 - a) Nutrient agar
 - b) Nutrient broth
 - c) Macconkey's agar

d) SDA

REFERENCES

Text book of Microbiology by P.D. Sharma.

General Microbiology by R.P. Singh.

General Microbiology by Pelczar.

College Microbiology by Sundar Rajan.

Microbiology by Saras Publications.

Model Question Paper

Time: 3 hrs

Max. Marks:70

Section – A

Answer any four Questions not exceeding 10 sentences

Each question carries 5 Marks

(Marks = 4x5 = 20

marks)

- 1) Louis Pasteur
- 2) Yeast structure
- 3) Soil Microorganisms
- 4) Disinfection
- 5) Logarithmic growth phase
- 6) Asexual reproduction of fungi.
- 7) Carbon cycle.
- 8) Bacterial nutrition.

Section – B

Answer any five Questions not exceeding (2) pages each

Each Question carries 10 marks

(Marks = 5x10 = 50 marks)

- 9) Explain the relation of Microbiology with other sciences.
- 10) Write about the fermented food products?
- 11) Write about physical methods of sterilization?
- 12) Write an essay on mutations?
- 13) Explain coliform test.
- 14) Describe Microorganisms of water?
- 15) Write about factors influencing bacterial growth?
- 16) Write about N₂ cycle?

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: II B.Sc.

Semester: III

Subject Psychology & Counseling **Title:** General Psychology **Paper:III**

Theory: 4 hours + **Practical:** 3 hours / week **w.e.f.** 2012-13 (Modified in B.O.S -----)

OBJECTIVES

- To enable the students to understand the basic concepts of General Psychology.
- To equip the students with the fundamentals of studying Human Behavior.

UNIT I: INTRODUCTION

Psychology – Definition – Scope of Psychology – fields of Psychology – Methods of Psychology – Introspection – observation- case study – Interview – Survey – Experimental methods.

Major Approaches to Psychology – Neurobiological – Behavioral – cognitive – Psycho analytical.

10hrs

UNIT II: (a) Attention:

Definition, Different aspects of attention – Span – division – distraction and fluctuation – voluntary and Involuntary types of attention – Determinations of attention – Internal and External factors. **6**

hrs

(b) Motivation

Definition , needs- classification (biological, socio-physiological needs)

Drives, motives- types of motives (hunger, thirst, sex, maternal, aggression, affiliation, achievements)

Theories of motivation.

UNIT III: Intelligence & Memory

Definition of Intelligence – Theories – Spearman two factor theory – Thurstone Multifactor theory – concept of I.Q. – characteristics of Gifted – slow learners – Retarded – Memory Definition – Types – Intermediate, short term and long term memory – Methods of Improving memory **10**

hrs

UNIT IV: Learning

Definition – classical & operant conditioning – Trial & Error learning – learning by insight – Transfer of learning – Techniques of Improving learning **10**

hrs

UNIT V: Personality

Definition – types - classification – Type theories – Trait theories – Psychoanalytic & Adler theories of Personality – assessment through well known tests & techniques

10hrs

List of text books and reference books

Author	Title of the book	Publisher	
S.K. Mangal	General Psychology.		Text books
Atkinson & Haggard (2003)	Introduction to Psychology		
Baron R.A.	Psychology	5 th Edition Pearson Education Inc. New Delhi (2001).	Reference books
Benjamin, L.T.; Hopkins. J & Nation J.R.	Psychology 2 nd edition	Macmillan Publishing Company, New York (1990).	
Feldman, R.S	Essentials of understanding Psychology 3 rd edition	Mc-Graw – Hill Companies. Inc. New York. (1997).	
Parameswaran, E.G. and Beena, C.	Invitation to Psychology	Hyderabad, Neelkamal Publications	

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: II B.Sc.

Semester: III

Subject General Psychology **Title:** General Psychology **Paper:**III

Theory: 4 hours + **Practical:** 3 hours / week **w.e.f.** 2012-13 (Modified in B.O.S ----)

Model Question Paper

Time: 3 hrs

Max.: 70 marks

PART – A (5 X 2=10 marks)

Answer any **FIVE** questions. Each answer not to exceed 2 or 3 sentences.

Answer any five questions:

1. Define psychology?
2. What is intelligence?
3. Define personality
4. Define attention
5. What is learning?
6. Define memory.
7. Two examples of learning.

PART –B (6 X 5=30 marks)

Answer any **SIX** questions. Each answer not exceeding one page.

8. Explain types of attention.
9. How to improve learning.
10. Explain types of memory.
11. Explain motivation.
12. What is neurological behavior?
13. Explain case study.
14. Explain personality.
15. Write assessment personality.

PART C (2 X15=30 marks)

Answer the following questions. Each answer not to exceed 3-4 pages.

16. (a) Explain personality in detail.
OR
(b) Explain methods of psychology through observation, interview and experimental methods.
17. (a) Write about intelligence.
OR
(b) How to improve attentions.

JMJCOLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: II B.Sc.

Semester: III

Subject: Nutrition

Title: Food Science **Paper:** II

Theory: 4 hours + **Practical:** 3 hours/ week **w.e.f.**2009-10

Objectives:

1. To impart basic knowledge about the composition of various food stuffs and their products.
2. To understand the advantages and disadvantages of various cooking methods.
3. To know the miscellaneous food products available in the market.

Unit	Topic	No of hours
1	Introduction to food, nutrition and nutrients- <i>Definitions:</i> food, food science, nutrition, nutrients, health, malnutrition, under nutrition, over nutrition, balanced diet.	3
	<i>Functions of food</i>	2

	c.Nuts and oil seeds- Groundnut, coconut, gingili seeds, soybean, etc., and their role in cookery.	2
	d.Fruits and vegetables- Classification, composition, nutritive value, pigments, ripening changes, browning reaction(enzymatic and non-enzymatic).	5
	e.Spices and condiments- Definition, uses, role in cookery, common spices and condiments used in India.	2
4	Study of food from animal origin: a. Milk and milk products- Importance, composition, nutritive value, and types of milk available in the market (non fermented, fermented, etc), physical and chemical properties.	6
	b.Eggs- Structure, composition, nutritive value, evaluation of egg quality (brine test, candling), deterioration of egg quality, coagulation of egg proteins, formation of dark green discoloration in hard boiled eggs, role of eggs in cookery.	6
	c.Flesh food- i.Meat- Composition, nutritive value, tenderness of meat, means of altering tenderness, changes that take place on cooking. ii.Poultry- Composition, nutritive value. iii.Sea foods- Fish, shrimp: composition, nutritive value.	5 1 1
5	Miscellaneous foods: a.Beverages- Definition, classification, uses, ingredients used in beverages (coffee, tea, cocoa, milk, fruits, sugar, jaggery), preparing and serving beverages.	3
	b.Ready-to-eat or convenience foods- Advantages and disadvantages, types of convenience foods available in the market.	2

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Text Books and Reference Books.

S No	Title	Author	Publisher	
1	,"Fundamentals of Food and Nutrition",	Sumathi. R. Mudambi, Rajagopal,"	Wiley Eastern Ltd	Text Books
2	Sumathi. R. Mudambi, Rajagopal,	"Food Science",	Wiley Eastern Ltd	
3	"Nutritive Value of Indian Foods",	Gopalan, Ramasastry,	NIN, Hyderabad	
4	"Food Science",	Srilakshmi.B.	New Age International Publishers.	
5	Essentials of Food and Nutrition", vol.1	Swaminathan.M	Ganesh &Company, Madras	Reference Books
6	"Principles of Nutrition"	Eva, Wilson, Fischer, Fuqua	Wiley Eastern Ltd	
7	"Human Nutrition and Dietetics"	Davidson.S., Passmore.R	ELBS	
8	"Food, Facts and Principles",	ShankuthalaManay	New Age International Publishers.	
9	Normal and Therapeutic Nutrition	Robinson, Lawler	Macmillan Publishing Company	
10	"Dictionary of Foods, Nutrition and Dietetics"	GaganChatwal	Himalaya Publishing House.	
11	"A Text Book of Microbiology".	Anna.K.Jashua,		
12	"Food Science and Experimental Foods	Swaminathan.M	BAPPCO.	

13	Food Science Laboratory Manual”,	B. Srilakshmi,	Scitech Publications.	
14	“Introduction to Foods- Practical Manual”,	D. Kamini Devi, Dr.M. Uma Reddy	Dept. of Food and Nutrition, College of Home Science, Hyderabad.	
15	“Food Chemistry	Meyer.L.H	Newyork-Reinhold Publishing Company	

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: II B.Sc.

Semester: III

Subject: Nutrition

Title: Food Science **Paper:** II

Model question paper (w.e.f. 2009-10)

Time: Three hours

Maximum: 70 marks.

PART – A (5 X 2=10 marks)

Answer any **FIVE** questions. Each answer not to exceed 2 or 3 sentences.

1. Write about steaming method of cooking.
2. What is gelatinization?
3. Define food.
4. What is microwave cooking?
5. Define the term nutrient.
6. What is blanching?
7. Mention the types of teas marketed.

PART –B (6 X 5=30 marks)

Answer any **SIX** questions. Each answer not exceeding one page.

8. Why milk is considered complete food?
9. What are beverages? Discuss the points to be considered while preparing and serving them.
10. Enumerate the functions of food.
11. Describe the C.F.T.R.I. method of parboiling paddy and the advantages of parboiling with the help of diagrams.
12. What are the nutritional benefits of germinated pulses?
13. Elucidate the changes that take place in meat during cooking.
14. What is lathyrism? Describe the condition.
15. Write about enzymatic browning.

PART-C (2 X 15=30 marks)

Answer the following questions. Each answer not to exceed 3-4 pages.

16. (a). Describe the structure of egg with the help of diagram. Explain the nutritive value and the methods that are available for assessing the quality of eggs.

(or)

- (b). Write about the wheat products. Elaborate the factors that influence the formation and development of gluten.

17. (a). Classify food and give examples. Draw food guide pyramid.

(or)

- (b). Write about the nutritive value of milk. Elucidate the types of milk available in the market.

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: II B.Sc.

Semester: III

Subject: Textiles and Clothing

Title: Natural Fibers

Paper: I

Theory: 4 hours + Practical: 3 hours/ week w.e.f. 2010-11(BOS 13.3.10)

Objectives:

- To understand about fiber- staple, filament
- Yarn-simple and compound
- Yarn formation- its importance and kinds of natural yarns.
- To know about various natural fibers

Unit	Topic	No of hours.
1	<p>Introduction to Textiles and Clothing:</p> <p>Importance of study of textiles to the consumer:</p> <p>Terminology-Staple, filament, tenacity, abrasion resistance, heat conductivity, absorbancy, dyeability, dimensional stability, drapability, and wrinkle resistance</p> <p>Properties: Physical, thermal and chemical properties.</p>	<p>3</p> <p>5</p> <p>3</p>
	<p>Classification of textile fibers:</p> <p>(a) Based on length-Staple and filament</p> <p>(b) Based on source- Natural, manmade, synthetic</p>	5
	<p>Yarn formation: Definition, steps in spinning- mechanical and chemical, yarn count (denier- used for manmade fibers), yarn twist, classification of yarns.</p>	8
Natural fibers a) Vegetable fibers:		
2	<p>i. Cotton: Introduction, history, types, manufacturing process, properties, and uses.</p>	9
	<p>ii. Linen: Introduction, history, types, manufacturing process, properties, and uses.</p>	5

b) Animal fibers		
3	Wool: Introduction, history, varieties- according to sheep, fleece, reprocessed and reused wool; manufacturing process, properties, differences between woolen and worsted fabrics and uses.	9
4	Silk: introduction, history, sericulture, filature operations, manufacturing of silk yarn, varieties- spun, wild, pure; evaluating silk fabrics, and properties	9
5	<p>a. Non-conventional natural fibers: Introduction, fiber extraction, properties and uses of – banana, jute, sisal, mesta, pina,</p> <p>(b). Mineral fibers- asbestos and glass.</p> <p>b. Blends and mixtures: Reasons for blending.</p>	

Textbooks and references

S.No	Author	Title	Publisher	
1	Durga Deulkar	Household Textiles and laundry work	Atmaram & sons.	Text Books
2	Susheela Dantiyagi	Fundamentals of Textiles and their care	Orient Longman	
3	Sushma Gupta, Neeru Garg, Renu Saini	Textbook of Clothing and Textiles	Kalyani Publishers, Hyderabad	
4	V. Nurjahan, R. Santha		Telugu Academy Publication	
	Katherine Paddock Hess	Textiles Fibers and their use.	Oxford & IBH, New Delhi	

5				
6	Bernard P. Corbman	Textiles- Fiber to Fabric	Mc Graw International Edition	
7	Mc. Calls Sewing in Colour		Hamlyn House, London	Reference Books
8	Manmeeth Sing	Dress Designing	Kalyani Publishers	

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: II B.Sc.

Semester: III

Subject: Textiles and Clothing

Title: Natural Fibers **paper:** I

Theory: 4 hours + **Practical:** 3 hours/ week **w.e.f.** 2010-11(BOS 13.3.10)

Model question paper

Time: Three hours

Maximum: 70 marks.

PART – A (5 X 2=10 marks)

Answer any FIVE questions. Each answer not to exceed 2 or 3 sentences.

16. What is silk reeling?
17. Staple
18. Fiber blend
19. What is jute fiber? What are its uses?
20. Define virgin wool
21. What is tussar silk?
22. What is degumming?

PART –B (6 X 5=30 marks)

Answer any SIX questions. Each answer not exceeding one page.

23. Distinguish between woolen and worsted fabrics
24. Discuss the importance of textiles.
25. Describe sericulture
26. Explain processing of linen from flax
27. Write about classification of textile fibers with examples.
28. Discuss the steps in mechanical spinning
29. Elaborate on non-conventional natural fibers.
30. Bring out the merits and demerits of blends and mixtures.

PART C (2 X 15=30 marks)

Answer the following questions. Each answer not to exceed 3-4 pages.

31. (a). Describe the different varieties of wool.

Or

(b). Write about the types of linen, their properties and uses.

32. (a). Narrate the history of silk fiber. "Silk is the queen of fibers"- how do you justify the statement?

Or

(b). What are the stages in which fibers can be blended? Discuss the different stages of yarn construction by mechanical method?

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: II B.Sc.

Semester: IV

Subject Psychology & Counseling

Title: Counseling Psychology **Paper:** III

Theory: 4 hours + Practical: 3 hours / week

w.e.f. 2012-13 (Modified in B.O.S 15-03-2012)

UNIT I: Introduction to Counseling

Definition, nature and scope of counseling, need for and Goals of counseling, counseling and Psychotherapy, counseling and clinical Psychology. 6

UNIT II: Counseling Skills

Pre- helping skills – Attending & listening skills –

Stage – I skills: Primary level empathy, genuineness, respect, concreteness:

Stage – II Skills: Advanced level – accurate empathy, self – disclosure, Immediacy and conformation.

Stage – III skills – Action Programme

10

UNIT III: Counseling process

Preparation for counseling, Pre-counseling interview – Process of counseling – physical setting – Establishing the relationship – conducting counseling interview – Problems involved – Termination of counseling – variables affecting the process – characteristics of effective e counselor 13

UNIT IV: Counseling children and adolescents

Counseling children with behavioural and emotional problems, counseling children with special needs – counseling Adolescents – Educational & vocational counseling

12

UNIT V: Counseling for special groups

Counseling clients with chronic illnesses, family counseling Marital counseling – Employee counseling – Genetic counseling.

10

List of text books and reference books

Author	Title of the book	Publisher	
Narayana Rao, S (2000)	Counseling Psychology		Text books
Margaret, H (2006)	counseling skills and theory		
Anna Hong Rutt – Nelson – Jones, R (1994)	The theory and practice of counseling Psychology.		Reference books
Nelson – Junes (2005)	Introduction to counseling skills.		

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: II B.Sc.

Semester: IV

Subject Psychology & Counseling

Title: Counseling Psychology **Paper:** III

Theory: 4 hours + Practical: 3 hours / week

w.e.f. 2012-13 (Modified in B.O.S ---)

Model Question Paper

Time: 3 hrs

Max.: 70 marks

PART – A (5 X 2=10 marks)

Answer any **FIVE** questions. Each answer not to exceed 2 or 3 sentences.

1. What is counseling?
2. Two goals of counseling

3. Meaning of listening skills
4. What is confirmation?
5. Define action program
6. What is psycho therapy
7. Define clinical psychology

PART –B (6 X 5=30 marks)

Answer any **SIX** questions. Each answer not exceeding one page.

8. Define how counseling helps in relation
9. Define counseling process
10. Explain guiding needs related to education?
11. Explain parent counseling.
12. What are the influencing factors in guidance?
13. What are problems and solutions in counseling?
14. Explain women counseling.
15. How do you counsel student?

PART C (2 X15=30 marks)

Answer the following questions. Each answer not to exceed 3-4 pages.

16. (a) Explain pre and post marital counseling

(OR)

- (b) Discuss the role of a counselor

17. (a) Explain Counseling children with behavioral and emotional problems

(OR)

- (b) What are the characteristics of effective counselor?

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: II B.Sc.

Semester: III & IV

Subject: Psychology & Counseling (Practical) **Title:** Psychology Counseling (Practical)

Paper: III

Theory: 4 hours + **Practical:** 3 hours / week

w.e.f. 2012-13 (Modified in B.O.S ----)

PRACTICALS:

1. Adjustment Inventories
2. Anxiety test
3. Personality tests
4. Achievement tests

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: II B.Sc.

Semester: III & IV

Subject: Psychology & Counseling (Practical) Title: Psychology Counseling (Practical)

Paper: III

Theory: 4 hours + Practical: 3 hours / week w.e.f. 2012-13 (Modified in B.O.S ----)

THEORY: 4 HRS/WEEK

PRACTICALS: 3 HRS/WEEK

Time : 3 hours

Marks : 50

Practical:

35 (external)

Continuous assessment:

10(internal)

Prefinal Practical exam:

5 (internal)

Practical Model Question Paper

- | | |
|---------------------|-------------|
| 1. Creative event | 15 M |
| 2. Counseling Skill | 15 M |
| 3. Memory Test | 05 M |

JMJCOLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: II B.Sc.

Semester: IV

Subject: Nutrition

Title: Proximate Principles

Paper: II

Theory: 4 hours + **Practical:** 3 hours/ week **w.e.f.** 2009-10

Objectives:

5. To know the functions of various macro-nutrients in the body.
6. To explore the role of minerals and vitamins in human nutrition and the clinical manifestations of their deficiency.
7. To learn the RDA of various nutrients for different age groups.
8. To study the principles of calorimetry, water and electrolyte metabolism.

Unit	Topic	No of hours
1	Macronutrients: a.Carbohydrates- Definition, classification, functions, dietary sources, recommended allowances; Dietary fiber- its role in the body.	5
	b.Lipids- Definition, composition, classification, essential fatty acids, phrynoderma, functions of lipids, refined and hydrogenated fat, rancidity, recommended allowances	5
	c.Proteins- Definition of protein, PER, BV, reference protein, composition, essential amino acids, nutritional classification (complete, partially complete, incomplete), recommended allowances	5
2	Micronutrient: Vitamins- Definition, classification. A.Fat-soluble vitamins- A, D, E, K- dietary sources, functions, effects of deficiency, requirements.	8
	B.Water-soluble vitamins- B-complex vitamins (thiamin, riboflavin, niacin, biotin, pyridoxin, pantothenic acid, folic acid, vitamin B-12), vitamin C- dietary sources, functions, and effects of deficiency, requirements.	8
3	Minerals: a.Macro minerals: Dietary sources, absorption, effects of deficiency and requirement of- calcium, phosphorus, sodium, chloride, potassium, magnesium, and sulphur.	8

	b. Micro minerals: Dietary sources, absorption, effects of deficiency and requirement of- iron, iodine, fluorine.	6
	c. Inter-relationship between nutrients	2
4	Energy metabolism: Definition, energy units, determination of energy value of food using bomb calorimeter, direct calorimetry (Atwater-Benedict Respiration Calorimeter) , basal metabolism, factors affecting B.M.R., S.D.A.of food, indirect calorimetry(determination energy metabolism based on oxygen consumption: Benedict-Roth apparatus)	9
5	Importance of water and water balance: Functions of water, distribution of water in the body, regulation of water metabolism; acid-base (electrolyte) balance.	4

Text Books and Reference Books.

S No	Title	Author	Publisher	
1	,"Fundamentals of Food and Nutrition",	Sumathi. R. Mudambi, Rajagopal,"	Wiley Eastern Ltd	Text Books
2	Sumathi. R. Mudambi, Rajagopal,	"Food Science",	Wiley Eastern Ltd	
3	"Nutritive Value of Indian Foods",	Gopalan, Ramasastry,	NIN, Hyderabad	
4	"Food Science",	Srilakshmi.B.	New Age International Publishers.	
5	Essentials of Food and Nutrition", vol.1	Swaminathan.M	Ganesh &Company, Madras	

6	"Principles of Nutrition"	Eva, Wilson, Fischer, Fuqua	Wiley Eastern Ltd	Reference Books
7	"Human Nutrition and Dietetics"	Davidson.S., Passmore.R	ELBS	
8	"Food, Facts and Principles",	ShankuthalaManay	New Age International Publishers.	
9	Normal and Therapeutic Nutrition	Robinson, Lawler	Macmillan Publishing Company	
10	"Dictionary of Foods, Nutrition and Dietetics"	GaganChatwal	Himalaya Publishing House.	
11	"A Text Book of Microbiology".	Anna.K.Jashua,		
12	"Food Science and Experimental Foods	Swaminathan.M	BAPPCO.	
13	Food Science Laboratory Manual",	B. Srilakshmi,	Scitech Publications.	
14	"Introduction to Foods- Practical Manual",	D. Kamini Devi, Dr.M. Uma Reddy	Dept. of Food and Nutrition, College of Home Science, Hyderabad.	
15	"Food Chemistry	Meyer.L.H	Newyork-Reinhold Publishing Company	

JMJCOLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: II B.Sc. Semester: III Paper: II

Subject: Nutrition

Title: Proximate Principles

Model question paper (w.e.f. 2009-10)

Time: Three hours

Maximum: 70 marks.

PART – A (5 X 2=10 marks)

Answer any **FIVE** questions. Each answer not to exceed 2 or 3 sentences.

1. Classify lipids.
2. What is fluorosis?
3. Define PER.
4. Define S.D.A.
5. What is reference protein?
6. What is goiter?
7. Define joule.

PART –B (6X5=30 marks)

Answer any **SIX** questions. Each answer not exceeding one page.

8. Explain the role of B-complex vitamins in the metabolism of macronutrients.
9. What are the functions of water in the body?
10. Describe the role of calcium in the body.
11. How do you determine the energy value of food using bomb calorimeter?
12. Describe rancidity in fats.
13. Elucidate the relation between vitamin A and vision
14. Write the nutritional classification of proteins with examples.
15. Elaborate the importance of fiber in the diet.

PART-C (2X15=30 marks)

Answer the following questions. Each answer not to exceed 3-4 pages.

16. (a). Define B.M.R. Discuss the factors that influence B.M.R. in detail.

(or)

(b). Discuss the dietary sources of ascorbic acid, its biochemical functions, and deficiency states.

17. (a). Discuss iron under the following headings-

- i. Functions
- ii. Absorption
- iii. Deficiency.

(or)

(b). What are the functions of water in the body? Explain the regulation of water metabolism.

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JMJCOLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: II B.Sc.

Semester: IV

Subject: Nutrition

Title: Proximate Principles

Paper: II

Theory: 4 hours + Practical: 3 hours/ week w.e.f. 2009-10

PRACTICALS

1. Laboratory rules.
2. Weighing and measuring.
3. Indian culinary terms.
4. Recipe construction.
5. Special rice preparations.
6. Preparations with cereals and millets.
7. Preparations with legumes.
8. Preparations with fruits.
9. Preparations with vegetables.
10. Experimental cookery on:
 - a. Cereals

- b. Pulses
- c. Fruits
- d. Vegetables
- e. Green leafy vegetables
- f. Milk
- g. Eggs.

11. Preparations with milk and milk products.

12. Preparations with eggs.

13. Preparations with flesh foods.

14. Preparation of beverages.

15. Preparation of soups.

16. Preparation of salads.

17. Baking –cakes and biscuits.

18. Preservation of food: preparation of jams, jellies, pickles, dehydrated products, etc.

19. Calculating the nutritive value of recipe.

20. Self-evaluation of one's own food intake for a week in terms of nutritional sufficiency.

J.M.J. COLLEGE FOR WOMEN (AUTOMOUS) TENALI

DEPARTMENT OF HOMESCIENCE

SCHEME OF VALUATION FOR PRACTICAL EXAMINATION

Class : II B.Sc. Home Science

Subject : Food Science and Nutrition

Time : 3 hours

Marks : 50

Practical: 35 (external)

Continuous assessment: 10(internal)

Prefinal Practical exam: 5 (internal)

MODEL QUESTION PAPER WITH INSTRUCTIONS

1. a. mention 5 recipes making use of the (Cereal, pulse vegetable, meat, etc.)
(4 M)
- b. write the procedure for the selected recipe
(1 M)

TABLE – 1

Preparations with

S. No.	Name of the recipe	Ingredients *	Amount (grms)	Method of cooking**
1.		*Use variety of Ingredients		**Employee different methods of cooking
2.				
3.				
4.				
5.				

- c. Prepare and serve the selected recipe

Preparation, garnishing ----- 5M

Crockery, display ----- 5M

2. Prepare salad/vegetable salad/fruit salad/ raw salad/cooked salad/ raw vegetable salad
(OR)

Experimental cookery – write procedure, do experiment

Mention 3 beverages (3M), prepare and serve the selected one
(7M)

TABLE – 2

S. No.	Beverage	Ingredients *	Amount (grms)	Type Beverage**
1.		*Use variety of Ingredients		**select different types of beverages
2.				
3.				

(OR)

Mention 3 recipes of food preservation - 3M

Prepare and serve the selected on - 7M

S. No.	Name of the recipe	Ingredients *	Amount (grms)	Method of preservation **
1.		* Use variety of Ingredients		**select different methods of preservation
2.				
3.				

(OR)

Mention 3 soups/appetizers - 3M

Prepare and serve the selected one - 7M

S. No.	Name of the soup/ appetizer	Ingredients *	Amount (grms)	Method of soup/appetizer **
1.		* Use variety of Ingredients		**select different types of

				soups/appetizers
2.				
3.				

3. Calculate the nutritive value of the given recipe. -10M

(Instructions : Nutrients should be placed in the same serial order as given in the “Nutritive Value of Indian Foods” with appropriate units)

Eg :- Calculate the amount of carotene, minerals sodium, calcium and vitamin-C present in “pomfret sorrel”.

<u>Ingredients</u>	<u>Amounts</u>
Leeks	146
Rhubarb stalks	217
Fetid cassia (dried)	89
Pomfret (white)	313
Parsnip	49

TABLE – 3

Nutritive value of the “pomfret sorrel”

S. No.	Ingredient (book no)	Amount (g)	Minerals (g)	Calcium (mg)	Carotene (µg)	Vitamin C (mg)	Sodium (mg)
1	Leeks (168)	146	1.022	73.0	26.28	16.06	-

2	Rhubarb stalks (536)	217	2.387	260.4	-	80.29	-
3	Fetid cassia (dried) (81)	89	10.502	2848.0	-	-	-
4	Pomfret (white) (370)	313	4.695	626.0	-	-	-
5	Parsnip (124)	49	0.539	24.5	8.82	7.84	-
	TOTAL		19.145	3831.9	35.1	104.19	-



JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: II B.Sc.

Semester: IV

Subject: Textiles and Clothing

Title: Manmade Fibers

paper: I

Theory: 4 hours + **Practical:** 3 hours/ week **w.e.f.** 2010-11(BOS 13.3.10)

Objectives:

- To gain basic knowledge about manmade fibers
- To understand the process of fabric construction
- To know about care of clothing

Unit	Topic	No. of hours
	(a)Manmade fibers: Introduction.	1
1	Rayon: viscose rayon- history, manufacturing, yarn production, types of yarn, finishing process, evaluating viscose rayon fabrics (properties), rayon blends.	9
	(b)Synthetic fibers: Introduction.	1
2	Polyesters-(i) Polyester/ Dacron	4
	(ii) Acrylic/ orlon Manufacturing, properties, uses, blends of the above fibers.	4
3	Fabric Construction: i. Weaving – Introduction, parts of a loom, essential weaving operations,. ii. Types of weaves – Basic-plain, basket, rib, twill, satin and sateen. iii. Thread count, selvage, grain, fabric balance. iv. Non-Woven fabrics – Knitting: Felting, Braiding, Netting, Laces- crochet.	5 5 2 4
4	Care of clothing: i. Laundry equipment – reagents uses and applications. ii. Principles of laundering-washing machines-brands available and types iii. Methods of laundering – Bleaching and finishing. iv. Stain removal v. d. Dry cleaning.	5 5 3 1
5	Preparation of fabric for cutting -importance of grain, steps in preparing the fabric	5

	for cutting, laying the pattern on fabric, cutting, marking and stay stitching.	
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Textbooks and references

S.No	Author	Title	Publisher	
1	Durga Deulkar	Household Textiles and laundry work	Atmaram &sons.	Text Books
2	Susheela Dantiyagi	Fundamentals of Textiles and their care	Orient Longman	
3	Sushma Gupta, Neeru Garg, Renu Saini	Textbook of Clothing and Textiles	Kalyani Publishers, Hyderabad	
4	V. Nurjahan, R. Santha		Telugu Academy Publication	
5	Katherine Paddock Hess	Textiles Fibers and their use.	Oxford &IBH, New Delhi	
6	Bernard P. Corbman	Textiles- Fiber to Fabric	Mc Graw International Edition	
7	Mc. Calls Sewing in Colour		Hamlyn House, London	Reference Books
8	Manmeeth Sing	Dress Designing	Kalyani Publishers	

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: II B.Sc.

Semester: IV

Subject: Textiles and Clothing

Title: Manmade Fibers

paper: I

Theory: 4 hours + **Practical:** 3 hours/ week **w.e.f.** 2010-11(BOS 13.3.10)

Model question paper

Time : Three hours

Maximum: 70 marks.

PART – A

(5 X 2=10 marks)

Answer any **FIVE** questions. Each answer not to exceed 2 or 3 sentences.

1. What is 'rayon'?
2. Define felting.
3. What is true bias?
4. What is the function of reed in loom?
5. What is heddle?
6. Selvages
7. Stiffening agents

PART –B

(6 X 5=30 marks)

Answer any **SIX** questions. Each answer not exceeding one page.

8. What is a stain? How are these classified? Give examples for each classification
9. Write about oxidizing bleaches.
10. Explain the action of soap
11. Enumerate the physical properties of rayon
12. Explain the process of dry cleaning
13. Discuss the properties of polyester fibers.
14. Describe the essential weaving operations.

15. Discuss the importance of grain while cutting the fabric.

PART C (2 X 15=30 marks)

Answer the following questions. Each answer not to exceed 3-4 pages.

16. (a). Explain in detail with illustrations the interlacing of fibers and characteristics of right hand twill, left hand twill and satin weaves.

Or

(b). Explain the manufacturing process, and properties of dacron.

17. (a). Write about viscose rayon history and manufacture.

Or

(b). Elucidate on various non-woven fabrics and their characteristics.

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: II B.Sc.

Subject: Textiles and Clothing paper: I

Theory: 4 hours + Practical: 3 hours/ week

Textiles and clothing practical syllabus- w.e.f 2010-11(BOS 13.3.10)

S.No	Name of the experiment
1	Sewing equipment- its use and care- demonstration
2	Sewing machine- threading, treadling, stitch adjustment
3	Sewing machine- identification of defects and remedies
4	<p>Basic hand stitches:</p> <p>I) <u>Decorative stitches</u>-stem, chain, lazy-daisy, satin, buttonhole, feather, straight, French knot, bullion stitch, etc. (any 10 stitches)</p> <p>II. <u>constructive stitches-</u></p> <p><u>a.</u> <i>Temporary stitches:</i></p> <p>i. Even basting ii Uneven basting iii. Diagonal basting iv. .Slip basting</p> <p><u>b.</u> <i>Permanent stitches:</i></p> <p>i. Running ii.Back stitch</p>
5	<p>Hem stitches:</p> <p>i. Ordinary hemming ii.Slip hemming</p>
6	<p>Seams and seam finishes</p> <p>i. Plain ii.French iii.Run and fell</p>
7	<p>Introducing fullness:</p> <p>a. <u>Darts:</u></p> <p>i. Single ii.Double pointed</p> <p>b. <u>Pleats:</u></p> <p>i. Box ii.Knife</p> <p>c. <u>Tucks:</u></p> <p>i. Pin tucks</p>

	<p>d. <u>Gathers</u>:</p> <ul style="list-style-type: none"> i. Gathering by hand ii. Gathering by machine iii. Gathering made by using elastic <p>e. <u>Smocking</u>:</p> <p>(Stem, cable, honeycomb stitches)</p>
8	Neckline finishes: Preparation of bias strip, stay stitching, facing and binding.
9	Plackets:
	<ul style="list-style-type: none"> i. Two way ii. Continuous
10	Fasteners:
	<ul style="list-style-type: none"> i. Buttons and buttonholes ii. Hooks and eyes iii. Zipper
11	Taking body measurements
12	Sleeves:
	<ul style="list-style-type: none"> i. Basic (plain) sleeve ii. Puff iii. Bell
13	Weaving:
	<ul style="list-style-type: none"> i. Plain weave ii. Basket weave iii. Rib weave iv. Twill v. Satin and sateen weave vi. Thread count
14	Laundering:
	<ul style="list-style-type: none"> i. Sorting ii. Mending, darning iii. Stain removal iv. Laundering of cotton, wool, silk and synthetic fabrics

	<ul style="list-style-type: none"> v. Application of blue (direct and indirect method) vi. Application of starch vii. Finishing /ironing
15	Drafting and construction of bib
16	Drafting and construction of baby napkins
17	Drafting and construction of frock / jabla
18	Identification of textile fibers- visual, burning, microscopic and solubility tests.

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: II B.Sc.

Subject: Textiles and Clothing **paper:** I

Theory: 4 hours + **Practical:** 3 hours/ week

Practical Examination Model paper

Time: 3 hours

marks: 50

Practical: 35 (external)

Garments and other items: 10(internal)

Pre-practical exam: 5 (internal)

Questions

1. Identification of the given fiber and write any two points – 2marks

2. Draft and construct the following.

Sleeve or

Zabla

Drafting – 8 marks

Construction – 7 marks

3. Stitch any three embroidery stitches in one design – 8 marks

4. Prepare the sample of the weave – 3 marks

5. Prepare the following -7 marks

a. Neckline finishes
or

b. Fullness
or

- c. Placket/ zipper
or
- d. Mending

Total: 35 marks

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: III B.Sc.

Semester: V

Subject: Textiles and Clothing

Title: Fabric Science

Paper: I

Theory: 3 hours + **Practical:** 3 hours/ week

w.e.f. 2010-11

Objectives:

- To acquaint students with different methods of fabric finishing.
- To develop awareness and appreciation of fabric embellishment.
- To make them understand the prestige of traditional Indian textiles and embroidery.

Unit	Topic	No of Hours
1	<p>Finishes: Introduction, definition, classification.</p> <p>a. Mechanical finishes – Beetling; Brushing and shearing: Calendaring, Sanforising, Crepe effect. Embossing, Moireing, Glazing; Naping: Smooth finish: Tentering.</p> <p>b. Chemical finishes; Sizing and Dressing; Mercerizing: Crease resistant, Crêpe effect. Flame proof.</p> <p>c. Special purpose finishes – Water repellency: Water proof; Absorbent finishes, Moth proof, mildew proof, slip resistance; Antiseptic and anti static finishes.</p>	2 3 2 2
2	<p>Dyes and Dyeing: Definition-dye, mordant, dyeing, fastness.</p> <p>Classification of dyes:</p> <p>Natural Dyes: Vegetable Animal, Mineral</p> <p>Synthetic Dyes: Direct or substantive dyes, Vat dyes, Mordant or Chrome dyes, Acid, Basic, Sulphur, Disperse.</p> <p>Methods of Dyeing: Preparation of material for dyeing and printing Stock dyeing, Yarn dyeing, Piece dyeing, solution dyeing, Pigment or dope dyeing, garment dyeing.</p> <p>Identifying dyeing defects:</p>	2 2 2 2 1

3	<p>Printing: Introduction, definition.</p> <p>Various methods of printing:</p> <p>Direct:-Block, Stencil, Roller, Duplex</p> <p>Discharge,</p>	1 3 1
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	Resist- Screen, Transfer, Warp, Photo, Batik, Tie Dyeing and Flocking.	3
4	Traditional Indian Textiles : History of art of weaving in India,. North Indian Textiles: Dacca muslins and Saris, Chanderi muslins, Silk Saris, Baluchar, Buttedar, Paithanis, Patola, Benaras brocades, Himrus & Amrus, Bandhani. South Indian Textiles: Kanjeevaram, Mysore silk, Venkatagiri, Mangalagiri, Gadwal, Uppada, Narayanpet, Pochampalli, and Kalamkari (Machilipatnam, Kalahasthi) fabrics.	1 4 4
5	Traditional Indian Embroidery: Kashida and Namdas of Kashmir, kasuti of Karnataka, Phulkari of Punjab, Chamba Roomals, Kanthas of Bengals, Lucknow Chikankari work – motifs, stitches used, colours used.	9

Textbooks and references

S.No	Author	Title	Publisher	
1	Durga Deulkar	Household Textiles and laundry work	Atmaram & sons.	Text Books
2	Susheela Dantiyagi	Fundamentals of Textiles and their care	Orient Longman	
3	Sushma Gupta, Neeru Garg, Renu Saini	Textbook of Clothing and Textiles	Kalyani Publishers, Hyderabad	
4	V. Nurjahan, R. Santha		Telugu Academy Publication	
5	Katherine Paddock Hess	Textiles Fibers and their use.	Oxford & IBH, New Delhi	
6	Bernard P. Corbman	Textiles- Fiber to Fabric	Mc Graw International Edition	
7	Mc. Calls Sewing in Colour		Hamlyn House, London	Referen

8	Manmeeth Sing	Dress Designing	Kalyani Publishers	ce Books
9	Mary Kefgen	Individuality in clothing		
10	Mary Mathews	Clothing Construction		
11	Biswas	Indian Costumes		

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: III B.Sc. **Semester:** V

Subject: Textiles and Clothing **Title:** Fabric Science **Paper:** I

Theory: 3 hours + **Practical:** 3 hours/ week **w.e.f.** 2010-11

Model question paper

Time: Three hours **Maximum:** 70 marks.

PART – A (5 X 2=10 marks)

Answer any FIVE questions. Each answer not to exceed 2 or 3 sentences.

33. What is tentering?
34. Mention the designs in *Baluchar-Butedar* saris
35. Name the poetic titles given to “Banares Brocades”
36. What is meant by *Panna Hazare*?

37. Define the term 'fastness'
38. Give two examples for vegetable dyes.
39. What are *Patola saris*?

PART –B (6 X 5=30 marks)

Answer any SIX questions. Each answer not exceeding one page.

40. Write about any two special purpose finishes.
41. Discuss on *kasuti* embroidery.
42. Describe embossing.
43. Explain about dyeing defects.
44. Write about classification of dyes with examples.
45. Describe direct dyeing methods.
46. Write about *chikankari* embroidery.
47. Bring out the characteristic features of *kanthas* of Bengal

PART C (2 X 15=30 marks)

Answer the following questions. Each answer not to exceed 3-4 pages.

48. (a) Describe about Phulkari of Punjab and Chamba Rumals of Himachal Pradesh.
Or

(b). Write about the types of linen, their properties and uses.

49. (a). Explain about the traditional Indian textiles that are produced by adopting the principle of tie-dyeing.

Or

(b). What are mechanical finishes? Write about calendaring, beetling and napping.

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JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI.

DEPARTMENT OF HOME SCIENCE

Class: III B.Sc.

Semester: V

Sub: Human Development

Title: Life Span Development **Paper –IV**

Theory: 3 hours + **Practical:** 3 hours /Week. **W.e.f. 2010-11(Modified in B.O.S)**

Objectives:

- To enable the students to understand strategies of human development
- To make them aware of human behavior at various stages of life

Unit I. Growth and Development-

8 Hours

Definition of growth , development, maturity, learning

Principles of development - factors influencing development -(Heredity ,Environment, Health, Nutrition-

Developmental task- Definition; Developmental tasks in babyhood, early childhood, late childhood and adolescence.

Unit II. Needs of Children-

7 Hours

1 .Biological needs 2.Psycho -social needs 3. Egoistic needs 4.Effect of non satisfaction of needs 5. Tips to parents regarding need fulfillment

Unit III

A.Infancy

10 Hours

Introduction ,periods of infancy - activities of infant (mass, specific reflexes, generalized responses) Adjustments- appearance -features -Physiological functions - ,Social behavior , Emotions , **vocalization.**

B .Babyhood

Characteristics -Physical, social, emotional, moral & language developments.

Unit IV:**10 Hours**

A. Early Childhood- characteristics-Physical, motor, Social, Emotional, language & Moral and cognitive Development

B. Late Childhood- Characteristics- Physical, Social, Emotional, language & Moral &cognitive Development

Unit V :**10 Hours**

A.Puberty: Introduction, characteristics, physical and physiological changes

Introduction-characteristics-Social relationships-Emotional

development-Moral values- Different stages of human life cycle- Adulthood- Middle age-

old age in brief.

B. Adolescence: Introduction-characteristics-Social relationships-Emotional

Development-Moral values, Identity crisis -

C. Adulthood: - Early adulthood- Middle adulthood – Late adulthood- in brief.

List of text books and reference books

Author	Title of the book	Publisher	
Hurlock. E.B	1. Developmental Psychology	TataMcGraw Hill Publications, New	Text Books

		Delhi	
Devadas R.P., Jaya	A Text book of Child Development,	Mac Millan Publications	
Surya Kanthi	A Text book of Child Development,	Gandhigram	
1. Kuppuswamy.	A Text book of Child Behaviour and Development		
Helen Bee	Human Development		Reference Books
Powel & Powel.	Child Development		

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI.

DEPARTMENT OF HOME SCIENCE

Class: III B.Sc.

Semester: V

Sub: Human Development

Title: Life Span Development **Paper –IV**

Theory: 3 hours + **Practical:** 3 hours /Week. **W.e.f.** 2010-11 **(Modified in B.O.S)**

Model question paper

Maximum: 70 marks.

Time: Three hours

PART – A (5X2=10 marks)

Answer any **FIVE** questions. Each answer not to exceed 2 or 3 sentences.

1. Define 'growth'.
2. Define puberty.
3. What is developmental task?
4. What are children's gangs?
5. What are different stages in infancy?
6. What is growth spurt?
7. What are the subdivisions of adulthood?

PART –B (6X5=30 marks)

Answer any **SIX** questions. Each answer not exceeding one page.

8. Write about language development during babyhood.
9. Trace out emotions during late childhood.
10. What are the interests during adolescence?
11. Write about growth spurt in puberty.
12. Discuss the physical characteristics and adjustments of infants.
13. Trace out the influence of heredity and environment on development of child.
14. What are the causes for not fulfilling the needs of children?
15. Write about the social development during early childhood.

PART C (2X15=30 marks)

Answer the following questions. Each answer not to exceed 3-4 pages.

16. (a). Explain the principles of growth and development of children.
(or)
(b) Discuss the needs of children.

17. (a) Write about different stages of moral development of children.

(or)

(b). Discuss the problems of adolescents.

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI.

DEPARTMENT OF HOME SCIENCE

Class: III B.Sc.

Semester: V

Subject: Home Science Extension **Title:** Fundamentals of Extension Education **Paper –V**

Theory: 3 hours + **Practical:** 3 hours /Week.

W.e.f. 2010-11(BOS13.3.10)

Objectives:

- To introduce the students to the concept and philosophy of extension education
- To acquaint them with the elements and scope of communication.
- To make them understand the principles of teaching and learning, different teaching aids..

Unit	Topic	No of hours
1	Nature and scope of Extension education–	
	- Definitions	1
	- Meaning of Extension	1
	- Concept of Extension	1
	- Need for Extension Education	2
	- Distinguishing features of Extension Education/ Objectives and functions of extension	2
	- Principles and Philosophy of Extension Education/ Principles underlying the philosophy of extension.	1
	Role and qualities of Extension worker/ agent	2
		1

2	<p>Communication- Introduction</p> <ul style="list-style-type: none"> - What is communication?-definition - Definitions - Types/ forms, and functions of communication. - Concept of communication process. - Nature and importance of communication - Components of communication process (Leagan’s model) - Common barriers/Obstructions in communication 	<p>1</p> <p>1</p> <p>2</p> <p>1</p> <p>2</p> <p>1</p> <p>1</p>
3	<p>Basic Principles of Teaching and Learning.</p> <ul style="list-style-type: none"> - Definition: Teaching, Learning, learning experiences, learning situation. - Basic elements of learning situation and their characteristics. - Principles of learning and their implications for teaching. - Steps in Extension teaching. - Steps in conducting a class/techniques of conducting a class. 	<p>2</p> <p>2</p> <p>2</p> <p>1</p> <p>1</p>

4	<p>Teaching aids</p> <ul style="list-style-type: none"> - Definition and advantages - Classification of audio-visual aids - Audio-aids, Visual aids, Audio-usual aids <ul style="list-style-type: none"> • Public address system, telephone • Models, mock-ups, specimens, objects • Exhibits, motion pictures, video, recordings • Still pictures (a) projected, (b) non-projected • Other visual aids- chalk board, bulletin board, flannel graph, flash cards, poster, charts- different types of charts. • Dust and mud sketching. • Dramatization, puppets, role play, harikatha, burrakatha, etc. - Cone of experience - Principles of preparation of teaching aids 	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>2</p>
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	<ul style="list-style-type: none"> - Selection and use of teaching aids - Advantages and limitations of each aid. 	2 1 1 1 1
5	Role of Home Science in community Development <ul style="list-style-type: none"> - Meaning and scope of Home Science - Role of Home Science in Community Development - Role of Home Science Extension 	2 3

List of text books and reference books

Author	Title of the book	Publisher	
Dr. A. Adivi Reddy	Extension Education	Sri Lakshmi Press, Bapatla	Text Books
Aravind Chandra	Fundamentals of Teaching Home Science		
R.R. Das, Binitha Ray	Teaching of Home Science		
Devadas. R.P.	Methods of Teaching Home Science	A.D.U. Coimbatore	
	Extension Education for Community Development	Directorate of Extension, Govt. of India	
S.V. Supe	Extension Education	Mohan Prmlan for Oxford and IBH Publishing Co., New Delhi	

M. InduBala		Telugu Academy Publications	
Sadhu. A.S.	Extension Programme Planning	Oxford and IBH Publishing Co., New Delhi	Reference Books
Ray. G.L.	Extension Communication and Management	NayaPrakash, New Delhi	
Helen A. Stores	Home Making Handbook		
O.P. Dahama	Extension and Rural Welfare		

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI.

DEPARTMENT OF HOME SCIENCE

Class: III B.Sc. Semester: V

Subject: Home Science Extension Title: Fundamentals of Extension Education Paper –V

Theory: 3 hours + **Practical:** 3 hours /Week.

W.e.f. 2010-11(BOS13.3.10)

Model question paper

Time : 3 hours

Max. 70 Marks

PART – A (5 X 2=10 marks)

Answer any **FIVE** questions. Each answer not to exceed 2 or 3 sentences.

1. Define Extension Education
2. Define learning experience

3. Mention the differences between poster and chart
4. Define communication
5. What is learning situation?
6. Explain principle of association
7. Mention the elements of learning situation

PART –B (6X5=30 marks)

Answer any **SIX** questions. Each answer not exceeding one page

8. Narrate the role and qualities of extension worker
9. Indicate and elaborate the steps in Extension teaching
10. Write criteria for selection and use of audio – visual aids.
11. What is the need for extension education in India
12. What are the distinguishing features of formal and non-formal education
13. Illustrate and explain cone of Experiences
14. What is a bulletin board” What are the points to be kept on mind while displaying in bulletin board.
15. Write about flash cards.

PART-C (2X15=30 marks)

Answer the following questions. Each answer not to exceed 3-4 pages.

16.

(a). Home Science Extension is necessary to help rural women improve their living conditions” Discuss with suitable examples.

(or)

(b). Draw the Leagan’s model of communication process. What are the common barriers in effective communication process?

17

(a). What is an exhibition? How do you plan and arrange a 3-day exhibition for rural women on nutrition education.

(or)

(b). What are charts? Explain about the different types of charts with diagrams.

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI.

DEPARTMENT OF HOME SCIENCE

Class: III B.Sc.

Semester: V

Sub: Family Dynamics

Title: Family Life Education

Paper –VI

Theory: 4 hours /Week.

W.e.f. ---- 2015-16(**Modified in B.O.S**)

Objectives:

To enable the students to understand family relations & changing trends in the family system.

UNIT- I: Family

12 Hours

Definition-functions-types of family (joint, nuclear, extended) changing trends in family system- values needed for better family relations.

UNIT-II : Marriage

17 Hours

Marriage –definition-goals of marriage-factors in mate selections-ritual followed in various religions-Hindu. Muslim and Christian.

Marital adjustments (financial, sex, in-law adjustments.)

-

Marital Problems Laws related to marriage divorce-adoption-legal rights of women.

Unit III: Preparation for parenthood

11 Hours

-parenting styles-authoritarian, permissive and democratic styles and their impact on child development

UNIT -IV : Status Of Woman

10 Hours

Current problems of Indian women –dowry-trafficking-domestic violence-causes and remedies-legal provisions offered by government

UNIT V Women Welfare Programs

10 Hours

state homes –service homes-working women’s hostels –homes for the aged-homes for the college girls ,family courts-women development corporation.

Text Books??

References:

1. **Marriage**, Robert O blood, the free press New York 1969
2. **Marriage and family** by K.M.kapadiaD.K.publishers
3. **Marriage and family development** by Duvall LippinottCon,Newyork
4. **Parenting & child relations**, Bignermacmilla

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI.

DEPARTMENT OF HOME SCIENCE

Class: III B.Sc.

Semester: V

Sub: Family Dynamics

Title: Family Life Education

Paper –VI

Theory: 4 hours /Week.

W.e.f. ---- 2015-16(**Modified in B.O.S**)

Model Question Paper

Time: 3 hrs

Time: Three hours

Maximum: 70 marks.

PART – A (5 X 2=10 marks)

Answer any **FIVE** questions. Each answer not to exceed 2 or 3 sentences

1. What is polyandry?
2. What is adoption?
3. What is meher?
4. Define joint family
5. What is marital adjustment?
6. Define nuclear family
7. What is special act?

PART –B (6 X 5=30 marks)

Answer any **SIX** questions. Each answers not exceeding one page.

8. Explain the in-law-adjustments in marriage.
9. What is the preparation for parenthood?
10. How do you select your marriage partner?
11. What are the functions of family?
12. Write about Hindu-marriage act.
13. What are the goals of marriage?
14. What are the functions of joint family?

15. Define dowry and what are the consequences?

PART C (2 X 15=30 marks)

Answer the following questions. Each answer not to exceed 3-4 pages.

16. (a). What are the parenting styles? Explain them.

OR

(b). Explain the ritual followed in conducting a Christian marriage.

17. (a). Write about the changing trends in status of women in Indian family.

OR

(b). Write about the women welfare programs in India

PRINCIPLES OF FOOD PRESERVATION

Theory

Importance and scope for preservation –principles and methods-

food additives, preservatives, anti oxidants, colouring, emulsifying agents-

selection of foods for preservation-cereals ,pulses, vegetables, milk, meat, fish and marine foods.

Causes for food spoilage and factors, affecting it.

Storage and spoilage of preserved food.

Effect of processing, preservation and storage on nutritive values –

quality control, importance, quality standards- sampling, and specifications of material/products to be used for testing the quality-

unit operations in food processing, packaging, materials and methods

Practicals

1. Market survey on availability of preserved food products
2. Preserved products prepared from cereals
3. Preserved products prepared from pulses
4. Preserved products prepared from vegetables
5. Preserved products- vadiyams
6. Preserved products – papads, crisps

7. Preserved products –extruded products
8. Preservation of meat –pickles
9. Preservation of meat –smoked dehydrated meat
10. Preservation of meat- kababs
11. Preservation of fish and other marine foods-salted and dried fish
12. Preservation of fish and other marine foods-pickle
13. Sensory evaluation of the preserved products
14. Sensory evaluation of the preserved products
15. Visit of food industries- meat processing units
16. Visit of food industries-pickle industries
17. Visit of food industries-extrusion industries
18. Visit of food industries-quality testing laboratories
19. Visit of food industries- milk processing units

Reference

1. Frazier, V.C &. Westnoff, D.C.(1997).Food Microbiology:Tata Mc Graw. New Delhi
- 2.kalia ,N &Sood,S (1996).Food preservation and Processing, Kalyani Publisjhers. Ludhiana
- Srivastava, R.P. & Kumar, S (1992) Fruit and vegetables Preservation ,Principles and Practice :International Book distributing Company, Lucknow.

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: III B.Sc.

Semester: V

Subject: Home Management **Title:** Family Resource Management **Paper:** III

Theory: 4 hours + **Practical:** 3 hours / week

w.e.f. 2012-13 (Modified in B.O.S -----)

Unit-I

1. Definition of home management-management process-conceptual frame work of home management.
2. Characteristics of good manager.

Unit-II: Motivation for management.

1. values-meaning and importance, types
2. Goals-types, characteristics.
3. Inter-relationship with values and goals.

Decision making in management-Definition-Kinds of discussions-Individual versus group decisions, habitual versus Conscious, steps in decision making.

Unit-III:

Resources-Meaning-classification and characteristics- factors affecting management of resources.

Unit-IV: Management of different resources.

1. Family income-sources and types, supplementing family's income.
2. family expenditure, budget, its main items, steps in making budget
3. Engel's law of consumption-budget for different groups
4. financial records in money management
5. savings-importance types of savings-post office-LIC-unit trust-chit funds-banks
6. Family investments(stocks and shares)

Unit-V: Management of time

1. Time- Nature and significance
2. Time costs of house hold activities
3. Time norms
4. Tools of time management
 - a. Peakload
 - b. Rest periods
5. Work Curve and Work Unit
6. Managerial process as applied

Unit-VI: Energy Management:

1. Definition of energy- concepts related to energy costs of household activities.
2. Fatigue - Meaning types and methods of avoiding fatigue.
3. Managerial process as applied to energy.
4. Techniques of work simplification and Mundel's classes of change

List of text books and reference books

Author	Title of the book	Publisher	
1. – Dr. Varghes(M.A), Dr. Ogale N.N, Dr. K. Srinivasan	Home management	Wiley eastern New Delhi – 1985	Text books
Deshpande	R. S – Build your own home –	United Book corporation Pune - 1965	
Mann K.M –	Management for Indian families	Kalyani publishers, Delhi 1976	
Mehtha. P –	Interior Decoration –	Hand pocket book pvt ltd, New Delhi	
– Anna Hong Rutt –	Home furnishing	Wiley Eastern Pvt.ltd New Delhi – 1969	Reference books
– Goldstein and Goldstain	Art in everyday life	– Oxford and IBH	
– Wilson P –	House hold equipment selection and management	Houghton Mifflin CO Boston – 1976	
– Pert J.L, Picket M.S, Arnold M.H, Wolf I.H	House hold equipment	– John Wiley CO. Son.Inc New York – 1970	
Singhal B.R	Modern buildings of	M.B.D enterprises	

	all types –	pvt.ltd, New Delhi	
Management in family ltd	– Nickell and Dorsey	– Wiley eastern Pvt. Ltd New Delhi – 1980	
– Dos. S	Flower Arrangement	– Patra printers Attaliva – 1982	
Daniel A, M.C.Dowan – Alllyn and Bacon ltd. London – 1984	Consumer Economics	Consumer Economics	
Bedi Y.	Hygeine and public health –	Atmaram and sons, Delhi – 1976	
Agats T.S –		Oxford and I.B.H Publishing Company New Delhi – 1970	

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: III B.Sc.

Semester: V

Subject: Home Management **Title:** Family Resource Management **Paper:** III

Theory: 4 hours + **Practical:** 3 hours / week **w.e.f. 2012-13 (Modified in B.O.S -----)**

Model Question Paper

Time: 3 hrs

Max.: 70 marks

PART – A (5 X 2=10 marks)

Answer any five questions: (5x2=10) Each answer not to exceed 2 or 3 sentences

1. Define home management
2. Intrinsic value
3. Types of goals
4. What is decision making?
5. What are resources
6. Real income
7. What is deficit budget?

PART –B (6 X 5=30 marks)

Answer any SIX questions. Each answer not exceeding one page.

8. What is the importance of management process?
9. What are the characteristics of a good manager?
10. What are the steps in decision making?
11. What are the factors that influence the use of family resources?
12. Explain Engel's law of consumption?
13. What are the different types of financial records?
14. What are the tools for time management?
15. Explain peak load with example

PART C (2 X15=30 marks)

Answer the following questions. Each answer not to exceed 3-4 pages.

16. (a) Write about sources of family income and methods to supplement family income
(or)
(b). What is savings? Write its importance in financial management? Explain any two saving institutions
17. (a) Define work simplification? Explain Mundel's classes of change.
(or)
(b) Discuss types of Goals and their characteristics.

JMJCOLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: III B.Sc.

Semester: V

Subject: Nutrition & Dietetics

Title: Family and Community Nutrition

Paper: II

Theory: 4 hours + Practical: 3 hours/ week w.e.f.

Objectives:

1. To know about family and community nutrition.
2. To learn how to adopt and use diets.

Unit – I

1. Food adulteration-

- a. Adulterants in different foods, their harmful effects.
- b. **Detection of adulterants in food**
- c. Prevention of Food Adulteration Act
- d. Food standards-ISI, Agmark.FPO, Meat Products Order

2. Food additives- intentional, incidental

8 Hours

Unit-II: Meal planning -Principles of meal planning and balanced diets for different age groups.

1. Selection of food:

- a. Socio-economic and socio-cultural factors influencing family food choices with special emphasis on food fads and fallacies.

2. Meal planning -Principles of meal planning and balanced diets for different age groups

- a. Infancy (breast and bottle feeds, weaning and supplementary foods) **12 Hours**
- b. Preschool children
- c. School going children
- d. Adolescent boys and girls
- e. Adult
- f. Old age
- g. Different physiological conditions- pregnancy and lactation, their nutrient requirements.

Unit: III: Assessment of nutritional status of the community.

8 Hours

1. Anthropometry
2. Clinical
3. Biochemical and diet surveys.
4. Standards used for evaluation.

Unit – IV: Welfare programmes

1. ICDS Programmes

10 Hours

- a. Objectives
- b. Under-nutrition and growth monitoring in preschoolers (by weight)
- c. Supplementary feeding programmes
- d. Special nutrition programmes
- e. Prophylaxis programmes – vitamin A, iron, iodine, etc.
2. National institutions related to nutrition-NIN, CFTRI
3. International organizations involved in nutrition programmes-FAO, WHO.

Unit-V: Nutrition and infection

2 Hours

Text Books and Reference Books.

S No	Title	Author	Publisher	
1	Dietetics	Srilakshmi		Text Books
2	Human Nutrition and Dietetics	A. Subhangini Joshi		
3	“Nutritive Value of Indian Foods”	Gopalan, Ramasastry,	NIN, Hyderabad	
4	Introduction to Nutrition	Henrietta Hoek	Macmillan publishing company Inc. New York.	Reference Books
5	“Principles of Nutrition”	Eva, Wilson, Fischer, Fuqua	Wiley Eastern Ltd	
6	“Human Nutrition and Dietetics”	Davidson.S., Passmore.R	The English Language Book Society, 1973	
7	Normal and Therapeutic Nutrition	Robinson, Lawler	Macmillan Publishing Company	
8	Human nutrition	Benjamin T.Burton	Tata Mcgraw Hill Publishing Company, New Delhi, 1978.	
9	Principles Of Nutrition and Dietetics	M. Swaminathan	The Bangalore Printing and Publishing Co.	

JMJCOLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: III B.Sc.

Semester: V

Subject: Nutrition & Dietetics

Title: Family and Community Nutrition

Paper: II

Theory: 4 hours + **Practical:** 3 hours/ week **w.e.f.**

Model Question Paper

Time: 3 hrs

Max.marks: 70

PART – A (5 X 2=10 marks)

Answer any **FIVE** questions. Each answer not to exceed 2 or 3 sentences.

1. Define colostrum.
2. Period of infancy
3. Two rules in bottle feeding
4. Two rules in introducing new food to the infant
5. Define food additive
6. Iron requirements of an adolescent boy and girl
7. Examples of two weaning recipes

PART –B (6X5=30 marks)

Answer any **SIX** questions. Each answer not exceeding one page

8. Discuss the harmful effects of adulterants
9. Describe the nutrition of preschool child
10. Narrate the disease of kwashiorkor and marasmus
11. Explain the interaction between nutrition and infection
12. Principles of meal planning.
13. Describe the objectives and services of Integrated child development services.
14. Write on food fads and fallacies
15. Growth monitoring in pre school

PART-C (2X15=30 marks)

Answer the following questions. Each answer not to exceed 3-4 pages.

16. (a). Explain the different methods involved in assessment of nutritional status of the community.
(or)
(b). Breast milk is the best milk. Discuss.
17. (a). Describe the role of institutions that are taking part in nutritional aspect of the community.
 - i. National Institute of Nutrition
 - ii. Central Food Technological Research Institute
 - iii. Food and Agricultural Organization
(or)
(b). Mention the nutritional requirements of pregnant woman and lactating mother and write about their nutrition.

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI.

DEPARTMENT OF HOME SCIENCE

Class: III B.Sc.

Semester: VI

Sub: Human Development **Title:** Early Childhood Care and Education **Paper –IV**

Theory: 3 hours + **Practical:** 3 hours /Week. **W.e.f.** 2010-11(**Modified in B.O.S**)

Objectives:

- To enable the students to understand the significance of Early Childhood
- To equip them with skills essential to Pre-school teacher
- To equip them with knowledge to cater to the needs of children with special needs

Unit I Early Childhood Education

.History and significance of E.C.E., Types of Schools- Anganwadi, Balwadi, Preschool, Approaches to Pre-school -Montessori, Froebel- Objectives of preschool education

Unit II PRE SCHOOL

Characteristics of Pre-school- Site, location, space, equipment, facilities- Qualities of Pre-school teacher

Parent –Teacher Meetings (PTA) – Records and Registers to be maintained-

Unit III Programme Planning in Pre-school

Principles of programme planning- weekly, monthly, term and annual planning- Daily programme- Informal talk, outdoor play, snack, rest, indoor play, storytelling, rhymes, creative activity and science experimentation

Unit IV Child Welfare

Definition - Govt. Policies- Programmes-Rights of child- Organizations working for the welfare of children- SOS Children Village, UNICEF, NIPCCD, ICCW, IAPE, etc.

Unit V. CHILDREN WITH SPECIAL NEEDS

Classification of children with special needs- Mentally challenged, Physically challenged, Hearing impaired, visual handicaps, and neurological impairment- learning disabilities- gifted – in brief.

Provision for special education.

List of text books and reference books

Author	Title of the book	Publisher	
Aggarwal.	History and Philosophy of Pre-school Education,		Text Books
Catherine Reed	The Nursery School-A Human Relationship Laboratory,.		
	Nursery School Years –	NIPCCD Publication.	
	PrakPatasaVidya	Telugu Academy , Hyderabad	
	Good Schools for Young Children.		Reference Books

Sylvia K. etal	Play & Child Development	NIPCCD Publication.	
R. Muralidharan,	Systems of Pre-school Education	IAPE, New Delhi	

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI.

DEPARTMENT OF HOME SCIENCE

Class: III B.Sc.

Semester: VI

Sub: Human Development **Title:** Early Childhood Care and Education **Paper –IV**

Theory: 3 hours + **Practical:** 3 hours /Week. **W.e.f.** 2010-11(**Modified in B.O.S**)

Model question paper

Maximum: 70 marks.

Time: Three hours

PART – A (5X2=10 marks)

Answer any **FIVE** questions. Each answer not to exceed 2 or 3 sentences.

8. Define Crèche.
9. Define pre-school.
10. What is thematic approach?
11. What is the meaning of Kinder-garten.
12. What is the educational philosophy of Maria Montessori?
13. Expand P.S.E.
14. Expand N.I.P.C.C.D.

PART –B (6X5=30 marks)

Answer any **SIX** questions. Each answer not exceeding one page.

8. What are the characteristics of Early Childhood?
9. What are the common behavioural problems during pre-school?
10. Discuss the objective of P.S.E.
11. Describe the qualities of pre-school teacher.
12. Explain the principles of program planning in pre-school.
13. Write about P.T.A meeting.
14. Discuss about suitable outdoor play equipment in pre-school.
15. Write about U.N.I.C.E.F.

PART C (2*15=30 marks)

Answer the following questions. Each answer not to exceed 3-4 pages.

16. a). Explain various features of nursery school
(or)
b) Write about contribution of Froebel to pre-school education.
17. a) Write about the importance of rhymes and stories for pre-schoolers
(or)
b). Discuss the rights of children.

DEPARTMENT OF HOME SCIENCE

Class: III B.Sc.

Semester: VI

Sub: Human Development **Title:** Early Childhood Care and Education **Paper –IV**

Theory: 3 hours + **Practical:** 3 hours /Week. **W.e.f. 2010-11(Modified in B.O.S)**

PRACTICALS

1. Observation of Newborn baby.
2. Preparation of Soft toys – 3.
3. Art for the child – Preparation of 20 creative activities.
4. Preparation of any one teaching aid related to the subject.
5. Collection of dietary information from pregnant and lactating women from 3 income groups. Low – middle and high.
6. Visit to A.W.C.
7. Visit to P.H.C. – Report on services rendered on that day.
8. Visit to Anganwadi, and local pre-school/ Nursery schools.
9. Observation and recording the behavior of pre-school child in all aspects- physical, cognitive, emotional, language, social, etc.
10. Observation of characteristics of pre-school teacher.
11. Observation of characteristics of pre-school.
12. Planning a day's programme/ weekly programme/ term and annual programme.
13. Organizing/ participating in PTA meetings.
14. Preparation of play equipment with indigenous materials.

Note:

All the teaching aids will be valued for 20 marks by the course instructor. They should be submitted to the Textiles practical external examiner for verification. Record will be valued for 10 Marks by the Textiles practical external examiner.

JMJ COLLEGE FOR WOMEN (AUTONOMOUS) TENALI
III B.Sc HOME SCIENCE – SEMESTER-VI
PAPER-VI
ENTREPRENEURSHIP DEVELOPMENT SKILLS

OBJECTIVES

1. To know the responsibilities of an entrepreneur.
2. To understand the types of business.
3. To be aware of project formulation.

UNIT I

1. Introduction – Benefits – Processes – Factors involved – Human & Environmental factors – Entrepreneur development cycle.
2. Entrepreneurial behavior.
3. Values needed – entrepreneurial trials – attitudes.

UNIT II

Entrepreneurial motivation

Types of motivation- need of achievement motivation- characteristics of high achievers- obstacle in achievements.

Entrepreneurial goals

Needs of goal setting- risk taking behavior-achievement planning-reorganizing the opportunities- characteristic of successful entrepreneurs.

UNIT III

1. Entrepreneurship management
2. Competencies to be developed- four Cs of entrepreneurship-stages of enterprise building and behavioral competency required sources of behavioral competences of entrepreneur.

UNIT IV

1. Planning for small enterprise
2. Concept of micro & macro level enterprises related to food , textiles and boutiques.
3. Factors responsible for initiative of units.
4. Scopes of activities related to production – related to business - business opportunity identification - scanning of environment – market assessment techniques needed.

UNIT V

Project formulation & funding agencies DIC, KUIC, NABARD, etc. Elements of project report project appraisals-technical-commercial – financial management etc, preparation of model projects.

REFERENCES:

1. Intermediate vocational course text book.
2. **Entrepreneur development** by *Satyanarayana*.

JMJ COLLEGE FOR WOMEN (AUTONOMOUS) TENALI
IIIB.Sc HOME SCIENCE – VI SEMESTER
PAPER VI
ENTREPRENUERSHIP DEVELOPMENT SKILLS
Model Question Paper

Time: 3 hrs
70

Max.marks:

PART A

Answer any five questions:

1. Definition of Entrepreneur
2. Meaning of small scale industry
3. What is management?
4. Two qualities of entrepreneur
5. Two examples of human motives
6. Mention any two entrepreneurs in India
7. Definition of skill

PART B

Answer any six questions:

8. What are the characteristics of entrepreneur
9. Explain the macro-level structure of organization in entrepreneurship
10. Describe the attitudes of entrepreneur
11. What are the achievement plannings of entrepreneur
12. Write about the values of an entrepreneur
13. Explain the role of NABARD, DIC, in entrepreneurship
14. How do you start a small-scale industry?
15. Explain the technical and commercial management process in small businesses.

PART C

Answer any two questions:

16. Define motive/ classify the types of motives and explain them.
OR
Define goal. Explain need of goal setting.

17. Explain the four Cs of entrepreneurship.

OR

Explain the elements of project report.

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI.

DEPARTMENT OF HOME SCIENCE

Class: III B.Sc.

Semester: VI

Subject: Home Science Extension **Title:** Extension Programme Planning Paper –V

Theory: 3 hours + **Practical:** 3 hours /Week.

W.e.f. 2010-11(BOS13.3.10)

Objectives:

- To explore the students to different teaching methods.
- To introduce them to the basic elements of programme planning.
- To get them learn the lesson planning techniques.
- To acquaint them with the concept of non-governmental organizations.

Unit	Topic	No of hours
1	Extension teaching methods: <ul style="list-style-type: none">- Introduction- Definition- Classification of Extension teaching methods<ul style="list-style-type: none">1. According to use2. According to form- Individual contacts<ul style="list-style-type: none">(i) Form and home visits (ii) Office calls (iii) Personal letters(iv) Result demonstration- Group contacts<ul style="list-style-type: none">(i) Method demonstration (ii) General meetings (iii) Field trips- Mass contacts<ul style="list-style-type: none">(i) Publications (ii) Circular letters (iii) News articles (iv) Radio	2 2 4 4

	<p>(v) Television (vi) Campaign</p> <ul style="list-style-type: none"> - Strong and weak points of three categories of Extension methods - Factors to be considered in the selection, combination and use of Extension methods. 	3
		2
2	<p>Extension Programme Planning</p> <p>* Definitions</p> <ul style="list-style-type: none"> ➤ Extension Programme ➤ A plan of work ➤ A project ➤ A calendar of work. <ul style="list-style-type: none"> • Need to have a programme • Principles of Programme planning • Steps for making a programme 	1
		1
		2
		2
3	<p>Methods to be used to find out felt and unfelt needs of the community</p> <p>PRA (Participatory Rural Appraisal) methods</p> <ul style="list-style-type: none"> • Methods of evaluation in extension - formal, informal 	2
		2
4	<p>Planning lessons for specific groups.</p> <ul style="list-style-type: none"> • Definition • Introduction • values and necessities of lesson plan • components of lesson plan, • Important aspects of good lesson plan, etc. 	1
		2
		2
5	Contribution of voluntary organizations in Extension	

	International- CARE- REDCROSS	2
	National-- DWACRA -TRYSEM -YFA -KVK- MAHILA MANDAL- NES	2
	Non-governmental Organizations, registration, funding agencies, functioning	

List of text books and reference books

Author	Title of the book	Publisher	
Dr. A. Adivi Reddy	Extension Education	Sri Lakshmi Press, Bapatla	Text Books
Aravind Chandra	Fundamentals of Teaching Home Science		
R.R. Das, Binitha Ray	Teaching of Home Science		
Devadas. R.P.	Methods of Teaching Home Science	A.D.U. Coimbatore	
	Extension Education for Community Development	Directorate of Extension, Govt. of India	
S.V. Supe	Extension Education	Mohan Prmlan for Oxford and IBH Publishing Co., New Delhi	
M. InduBala		Telugu Academy Publications	
Sadhu. A.S.	Extension Programme Planning	Oxford and IBH Publishing Co., New Delhi	Reference Books
Ray. G.L.	Extension Communication and Management	NayaPrakash, New Delhi	
Helen A. Stores	Home Making Handbook		
O.P. Dahama	Extension and Rural Welfare		

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI.

DEPARTMENT OF HOME SCIENCE

Class: III B.Sc.

Semester: VI

Subject: Home Science Extension **Title:** Extension Programme Planning Paper –V

Theory: 3 hours + **Practical:** 3 hours /Week.

W.e.f. 2010-11(BOS13.3.10)

Model question paper

Time: 3 hours

Max. 70 Marks

Part-A

Answer any FIVE questions: (5X2=10M)

1. Define result demonstration
2. What is a personal letter?
3. What is symposium?
4. What is buzz session?
5. What is a campaign?
6. What is the full form of TRYSEM, KVK.
7. What is forum?

Part – B

Answer any SIX questions: (6X5=30M)

8. What are the merits and demerits of printed media?
9. Write briefly the objectives and activities of Red Cross.
10. List down the methods of finding the felt and unfelt needs of people.
11. What are the problems faced by the extension work worker in the failed?
12. What is role-play describe
13. What is evaluation? Describe the methods of evaluation in Extension.
14. What is panel discussion Describe the types of panel discussion with examples.
15. Differentiate individual contact and group contact methods.

PART – C

Answer the following questions: (2X15=30M)

16. (a). Define lesson plan. Explain the need for it. Write a lesson plan to educate urban slum people on the preventive measures of encephalitis.

(or)

(b). Explain the term 'mass contact' Describe the special features of any two mass contact methods.

17. (a). What is the need to have programme in Extension? Elaborate the steps in making a programme.

(or)

(b). What is a field trip? What are the advantages? How do you arrange a field trip for degree students (25 members) to a dairy?

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI.

DEPARTMENT OF HOME SCIENCE

Class: III B.Sc.

Semester: VI

Subject: Home Science Extension **Title:** ExtensionProgramme Planning **Paper –V**

Theory: 3 hours + **Practical:** 3 hours /Week.

W.e.f. 2010-11(BOS13.3.10)

Practicals

- **Preparation of Teaching aids**

- Model
- Poster
- Flash cards
- Flannel graph
- PPT/ OHP Slides
- Charts
 - Pull chart
 - Tree chart
 - Flip chart
 - Striptease chart
 - Overlay chart
- Puppets

2. Putting up display:

- Bulletin board
- Exhibition

3. Preparation of literature:

(Pamphlet/folders)

4. Survey in a community to find out needs and interests of people and resources available.
5. Planning lessons for the women based on their needs and interests.
6. Lecture cum method demonstration in Home Science subjects based on the needs of the community.... e.g.,
 - Nutrition Education
 - Child care
7. Conducting workshop to teach any craft.
8. Planning and conducting a field trip to any institute related to Extension work to get acquainted with the set-up.
9. Extension programme planning- a model.

Note:

All the teaching aids will be valued for 20 marks by the course instructor. They should be submitted to the Nutrition practical external examiner for verification. Record will be valued for 10 Marks by the Nutrition practical external examiner.

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: III B.Sc.

Semester: VI

Subject: Home Management

Title: Household Economics

Paper: III

Theory: 4 hours + Practical: 3 hours / week

w.e.f. 2012-13 (Modified in B.O.S -----)

Hours required

UNIT I	3
4. Meaning and definition of economics	
5. Basic terms and concepts of economics	
UNIT II Consumption	5+5
1. Human wants – nature and classification	
2. Laws of consumption in brief – law of diminishing marginal utility – law of equimarginal utility – consumer surplus.	
UNIT III	
3. Standard of living – Definition – factors that influence standard of living – Indian standards of living – way of improving standard of living.	7
4. Cost of living – construction of cost of living index numbers	5
UNIT IV	
5. Functions of money	3
6. General price level – inflation, deflation and devaluation	7

UNIT V

- | | |
|---|---|
| 1. Taxes – Definition – Cannons of taxation, types of taxes | 7 |
| 2. Will and its importance | 3 |

UNIT VI Consumer Economics

- | | |
|---|---|
| 1. Purchasing methods – cash – credit – wholesale – retail. | 7 |
| 2. Consumer co-operative stores. | 3 |
| 3. Super markets. | 3 |
| 4. Guidelines for wise purchase, consumer rights and consumer education. | 5 |
| 5. Consumer problems and protection – Government and non-government agencies. | |

List of text books and reference books

Author	Title of the book	Publisher	
1. – Dr. Varghes(M.A), Dr. Ogale N.N, Dr. K. Srinivasan	Home management	Wiley eastern New Delhi – 1985	Text books
Deshpande	R. S – Build your own home –	United Book corporation Pune - 1965	
Mann K.M –	Management for Indian families	Kalyani publishers, Delhi 1976	
Mehtha. P –	Interior Decoration –	Hand pocket book pvt ltd, New Delhi	
– Anna Hong Rutt –	Home furnishing	Wiley Eastern Pvt.ltd New Delhi – 1969	Reference books
– Goldstein and Goldstain	Art in everyday life	– Oxford and IBH	

– Wilson P –	House hold equipment selection and management	Houghton Mifflin CO Boston – 1976	
– Pert J.L, Picket M.S, Arnold M.H, Wolf I.H	House hold equipment	– John Wiley CO. Son.Inc New York – 1970	
Singhal B.R	Modern buildings of all types –	M.B.D enterprises pvt.ltd, New Delhi	
Management in family ltd	– Nickell and Dorsey	– Wiley eastern Pvt. Ltd New Delhi – 1980	
– Dos. S	Flower Arrangement	– Patra printers Attaliva – 1982	
Daniel A, M.C.Dowan – Alllyn and Bacon ltd. London – 1984	Consumer Economics	Consumer Economics	
Bedi Y.	Hygeine and public health –	Atmaram and sons, Delhi – 1976	
Agats T.S –		Oxford and I.B.H Publishing Company New Delhi – 1970	

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: III B.Sc.

Semester: VI

Subject: Home Management

Title: Household Economics

Paper: III

Theory: 4 hours + Practical: 3 hours / week

w.e.f. 2012-13 (Modified in B.O.S -----)

Model Question Paper

Time: 3 hrs

Max.marks:

70

PART – A (5 X 2=10 marks)

Answer any five questions: (5x2=10) Each answer not to exceed 2 or 3 sentences

18. What is utility?
19. Classification of wants
20. What is consumer surplus?
21. What are Index numbers?
22. What is devaluation?
23. What is will?
24. What is retail purchase?

PART –B (6 X 5=30 marks)

Answer any SIX questions. Each answers not exceeding one page.

25. Law of diminishing marginal utility.
26. Functions of money.
27. Movements in general price level.
28. Cash and credit purchase.
29. Construction of cost of living index numbers.
30. Different types of taxes.
31. Explain consumer protection.

PART C (2 X15=30 marks)

Answer the following questions. Each answer not to exceed 3-4 pages.

32. (a). Write about different types of pituitary hormones and their functions

OR

- (b). Define standard of living. What are the factors that influence standard of living? How standards of living can be improved?

33. (a). Define inflation. What are different types of inflation? How inflation can be controlled?
OR
(b). What is a Tax? Explain the cannons of Taxation.

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: III B.Sc.

Semester: VI

Subject: Home Management

Title: Household Economics

Paper: III

Theory: 4 hours + **Practical:** 3 hours / week **w.e.f.** 2012-13 (Modified in B.O.S -----)

PRACTICALS

3. Management of Resources – time and money – during celebration festivals and special occasions:
- a. Festival (Any three religious festivals)
 - i. Ramzan
 - ii. Christmas
 - iii. Sankranti, **Ugadi, Deepavali**, or any festivals
 - b. Special Occasions
 - i. Birthday party
 - ii. Marriage reception
 - iii. Shastipoorthi
 - iv. Farewell party
4. Group living experiences – Management of resources – Residence course for a period of one week.

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: III B.Sc.

Semester: V & VI

Subject: Home Management (Practical) **Title:** Family Resource Management & Household Economics (Practical) **Paper:** III

Theory: 4 hours + **Practical:** 3 hours / week **w.e.f.** 2012-13 (Modified in B.O.S -----)

Practical Examination Model Paper

Time: 3 hours

Max: 80 marks

Practical: 50 (external)

Garments and other items: 20(internal)

Record : 10 (internal)

Practical Model Question Paper

Max. Marks: 50

- 1) Plan a budget for _____ economic group.
25M
- 2) Arrange a room for _____ occasion and prepare meal for that occasion.
25M

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: III B.Sc.

Semester: VI

Subject: Nutrition & Dietetics

Title: Clinical Nutrition **Paper:** II

Theory: 3 hours + **Practical:** 3 hours/ week **w.e.f.**

Objectives:

1. To know the role and responsibilities of a dietitian
2. To understand the modifications of the normal diet in to therapeutic diet
3. To be aware of the effect of various diseases on nutritional status and nutrients

Unit – I

1. Role & responsibilities of dietician- Ethics of a dietician

2. Indian Dietetic Association, introduction- history, membership, registered dietitian
3. The therapeutic adaptation of normal diet and principals
4. Routine hospitals diets- clear fluid, full fluid, soft and regular normal diet
5. Diet in febrile conditions- T.B and typhoid

Unit-II: Diet in malnutrition-

1. Under nutrition - Kwashiorkor, Iron deficiency anemia
2. Over nutrition - Obesity

Unit: III: Diet in Diabetes Mellitus

Introduction,types of diabetes, etiology, metabolism in diabetes, symptoms, diagnosis, GTT, and drugs, patient education, Glycemic index.

Food exchange lists- Indian exchange lists, and meal planning.

Unit – IV: Diet in diseases of cardiovascular system

1. Dietary management in cardiovascular diseases risk factors, - symptoms.
2. Atherosclerosis- Arteriosclerosis- congestive heart failure - Ishaemic heart disease – Hypertension
3. Dietary management

Unit-V: Diet in diseases of the gastro intestinal tract

1. : Dietary management in diarrhea, constipation and peptic ulcer.
2. Dietary management in **liver diseases**- hepatitis, jaundice- cirrhosis of the liver.
3. **Dietary management in kidney diseases**, functions of kidney- Acute and Chronic glomerulo nephritis- nephrosis- urinary calculi
Modification of diet in chronic glomerulonephritis

4. Text Books and Reference Books.

S No	Title	Author	Publisher	
1	Dietetics	Srilakshmi		Text Books
2	Human Nutrition and Dietetics	A. Subhangini Joshi	Tata Mcgraw- Hill publishing company limited, New Delhi	
3	“Nutritive Value of Indian Foods”	Gopalan, Ramasastrri,	NIN, Hyderabad	
	Text Book of Human Nutrition	Mahatab S.Bamji, N.Pralhad Rao, Vinodini Reddy, ,	Oxford and IBH publications Co. Pvt. Ltd, New Delhi	

4	Introduction to Nutrition	Henrietta Hoek	Macmillan publishing company Inc. New York.	Reference Books
5	“Principles of Nutrition”	Eva, Wilson, Fischer, Fuqua	Wiley Eastern Ltd	
6	“Human Nutrition and Dietetics”	Davidson.S., Passmore.R	The English Language Book Society, 1973	
7	Normal and Therapeutic Nutrition	Robinson, Lawler	Macmillan Publishing Company	
8	Human Nutrition	Benjamin T.Burton	Tata Mcgraw Hill Publishing Company, New Delhi, 1978.	
9	Principles Of Nutrition and Dietetics	M. Swaminathan	The Bangalore Printing and Publishing Co.	
10	Nutrition in health and diseases	Anderson and others	17 th edition 1982J.H. Lipincott, Co. Philadelphia	
	Clinical dietetics and nutrition	Antia F.P.	3 rd edition 1989. Oxford University, press, New Delhi	

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: III B.Sc.

Semester: VI

Subject: Nutrition & Dietetics

Title: Clinical Nutrition **Paper:** II

Theory: 3 hours + **Practical:** 3 hours/ week

w.e.f.

Model Question Paper

Time: 3 hrs

Max.marks:

70

PART – A (5 X 2=10 marks)

Answer any **FIVE** questions. Each answer not to exceed 2 or 3 sentences.

1. Define diabetes
2. What is convalescence
3. Define fever
4. Differentiate between acute illness and chronic illness
5. Define over-weight
6. Meaning of normal and therapeutic diet
7. Define anaemia

PART –B (6 X 5=30 marks)

Answer any **SIX** questions. Each answer not exceeding one page.

8. Classify fevers and explain about typhoid and its diet
9. Write about iron deficiency anaemia
10. What are food exchange lists? Write about the different food exchange lists
11. Modify regular diet in to soft and liquid diet
12. What are the characters of the Dietitian
13. Write about the Indian dietetic association
14. Why kwashiorkor occurs? Write its etiology, symptoms and diet
15. Define blood pressure. Write the causes and diet

PART C (2 X 15=30 marks)

Answer the following questions. Each answer not to exceed 3-4 pages.

16. (a). What are the causes, symptoms and diet of a diabetic person?
(or)
(b). Explain the atherosclerosis patient etiology.
17. (a). Define cirrhosis of the liver? Explain the etiology and diet.
(or)
(b). Why nephritis occur. Write in detail the disease and diet.

PRACTICALS

1. Low cost, high nutritious recipes
2. Invalid preparations
3. Weaning preparations
4. Planning and preparation of diets for
 - a. Pregnant women
 - b. Lactating mother

- c. Adolescent girl
 - d. Kwashiorkor child
 - e. Preschool child
5. Modification of normal diet.
 6. Planning and preparation of diets for the following conditions
 - a. Ulceric old person
 - b. Diabetes Mellitus
 - c. Atherosclerosis
 - d. Nephritis
 - e. Obesity
 - f. Jaundice
 7. Planning a diet for typhoid patient
 8. Planning a diet for Tuberculosis patient
 9. Planning a diet for hypertension patient
 10. Visit to dietary department

**III B.Sc HOME SCIENCE V & VI SEMESTERS
FAMILY AND COMMUNITY NUTRITION & CLINICAL NUTRITION
Practical Examination Model Paper**

Time: 3 hours

Max : 80 marks

Practical: 50 (external)

Continuous assessment: 20(internal)

Prepublic exam : 10 (internal)

Plan a day's menu for _____ person/patient. Also prepare lunch. Calculate five important nutrients for the prepared menu.

- | | |
|-------------|-----|
| a) Menu | 10M |
| RDA | 10M |
| Preparation | 10M |
| Calculation | 5M |

- 3) Mention five recipes either supplementary or low-cost or invalid preparations. Prepare one out of it.

- | | |
|-------------|----|
| a) Listing | 5M |
| Preparation | 5M |
| Taste | 5M |

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI.

DEPARTMENT OF HOME SCIENCE

Class: III B.Sc. **Semester:** VI

Elective Subject: Research Methodology

Theory: 2 hours + **Practical:** 2 hours /Week

Unit I : Introduction, Meaning and Significance of research.

Types of research: pure, applied, analytical,
exploratory, descriptive, surveys.

Unit II: *Research process :*

Sources of Data - primary and secondary

Methods of collecting primary data in brief:

observation, interview, schedule, case study and questionnaire

Sources of secondary data

Unit III: *Analysis of data*

Classification and tabulation

Graphical presentation

Measures of central tendency

Unit IV: *Hypothesis:* definition, role of hypothesis

types, of hypothesis

criteria of good hypothesis

Unit V: Report writing

Meaning and significance

Types of research report

Format of research report

Principles of writing research report

REFERENCES=RESEARCH METHODOLOGY

1. Basotia, G.R. and Sharma, K.K., (2002), Research Methodology, Mangal Deep Publications, Jaipur, Pp. 22, 56, 59, 60, 72, 117.
2. Best, J.W. and Kahn, J.V. (2002), Research in Education, Prentice Hall of India Pvt. Ltd., New Delhi, Pp. 62, 246.
3. Devadas, R.P. and Kulandaivel, K. (1989), A Handbook of Methodology of Research, Sri Ramakrishna Mission Vidyalaya Press, Coimbatore, Pp. 94-105.
4. Gupta, S.P. (2006), Statistical Methods, Sultan Chand, New Delhi, Pp. 65, 69.
5. Gupta, S. (2003), Research Methodology and Statistical Techniques, Deep and Deep Publications Pvt. Ltd., New Delhi, Pp. 28, 33, 37, 135, 136, 151, 152, 153, 154, 201.
6. Kothari, C.R. (2006), Research Methodology – Methods and Techniques, New Age International (P.) Ltd., Hyderabad, Pp. 15, 17, 56, 97, 102, 113.
7. Panneerselvam, R. (2006), Research Methodology, Prentice-Hall of India Pvt. Ltd., New Delhi, P. 201.
8. Reddy, R.J.P. (2004), Research Methodology, APH Publishing Corporation, New Delhi, Pp. 60, 62.
9. Saravanavel, P. (1999), Research Methodology, Kitab Mahal Agencies, Allahabad, P. 50.
10. Shanthi, K., (2005), Women in India, Anmol Publications Pvt. Ltd., New Delhi, P. 1.
11. Sharma, C.K. and Jain, M.K., (2004), Research Methodology, Shree Publishers, New Delhi, Pp. 24, 89.
12. Thakur, D. (2003), Research Methodology in Social Sciences, Deep and Deep Publications Pvt. Ltd., Pp. 37, 48, 56.

Web Site //en.wikipedia.org/wiki/SWOT_analysis

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI.

DEPARTMENT OF HOME SCIENCE

Class: III B.Sc. **Semester:** VI

Elective Subject: Research Methodology

Theory: 2 hours + **Practical:** 2 hours /Week

Model question paper

Time: 3 hours

Max. 70 Marks

Part-A

Answer any FIVE questions: (5X2=10M)

8. Define Research.
9. Expand C.S.I.R.
10. 5. What is snow ball sampling technique?
11. Define sampling.
12. Write the format of bibliography
13. Mention any four qualities of researchers
14. What are the objectives of research??

Part – B

Answer any SIX questions: (6X5=30M)

8. Write about the criteria of good research.
9. Mention the factors that motivate a researcher to do research.
10. What are the qualities of a good research worker?
11. How do you perceive a research problem?
12. Write about case study.
13. Give a model questionnaire.
14. What is tabulation?
15. Explain about the overall format of thesis

PART – C

Answer the following questions: (2X15=30M)

16. (a). Explain the steps involved in research process.

(or)

- (b). Write about the problems encountered by researchers in India
17. (a). Explain the various scaling techniques .

(or)

- (b). What is organization and treatment of data and interpretation of results?

Practical Syllabus

- 1 .writing research problem with objectives & hypothesis and sampling techniques
- 2.Preparation of a sample Questionnaire-open end and closed
- 3.Collection of case-study &presenting the report to the group
- 4 .Graphical representation of given data
Bar diagram, pie chart, venn diagram etc.
- 5 .Calculation of Mean, Median &Mode of the given data
- 6 .Outline the Model Research Report

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: III B.Sc.

Semester: VI

Paper: I

Subject: Textiles and Clothing

Title: FAMILY ATTIRE AND CONSUMER EDUCATION

Theory: 3 hours + **Practical:** 3 hours/ week

w.e.f. 2010-11

Objectives:

- To get the students acquainted with the Indian costumes and accessories
- To equip them with the necessary skills to make their own wardrobe inventory, comprehend fashion trends.
- To make them aware of the factors influencing personal/ household fabric consumption.

Unit	Topic	No. of hours
1	<p>Study of Traditional Indian Costumes and accessories- Introduction, definition of costume, accessory.</p> <p>Traditional male and female costumes prevalent in different states of India: their importance in present scenario in textiles and apparel industry.</p> <p>Different types of accessories</p>	2 4 2 2
2	<p>Wardrobe planning: Introduction, wardrobe-definition.</p> <p>a) Aims, personal analysis, inventory & clothing extenders</p> <p>b) Principles of wardrobe planning – budget, occasion, climate, occupation, interest, number of family members, age, figure, fashion, quality, accessories etc.</p> <p>c) Principles applied to general figure problems and use of colour, prints, lines and checks.</p> <p>d) Renovation of old garments.</p> <p>Readymade clothing:</p> <p>(a) Selection and examination of cloth, shape of garment, fitting, label information and price.</p> <p>(b) Comparison of ready-made garments with homemade and tailor-made garments for quality of cloth, shape of garment, fitting and cost.</p>	1 2 2 2 2 2
3	<p>Household textiles: introduction, definition, classification</p> <p><u>Table linen:</u> fabric count, size, finish, design suitability, serviceability, workmanship, use and care.</p> <p><u>Towels and bathroom ensembles:</u> size, fiber construction, dimensions of pile, absorption, strength, compactness of background, colour co-ordination, use and care.</p>	1 2 2

	<u>Bed linen</u> - types, brands, size, quality, attraction, fiber content, colour co-ordination, construction, weight, finish, warmth, comfort, workmanship, use and care.	2
4	<p>I.Consumer Buying:</p> <p>a) Factors influencing buying – budget, advertising, labeling and standards</p> <p>b) Problems faced by Indian consumer in selecting textiles and clothing</p> <p>c) Factors which control price:</p> <ol style="list-style-type: none"> i. Fashion ii. Advertising iii. Production cost iv. World condition v. Availability of raw materials. <p>(II)Criteria for selection of Fabric for garments and household linen.</p> <p>a) Characteristics and Need.</p> <p>b) Characteristics of fibers.</p> <p>c) Thread count</p> <p>d) Shrinkage, labels/brands</p> <p>e) Size of budget</p>	2 2 2
5	<p>Fashion trends:</p> <p>Fashion- terminology, factors affecting fashion change, theories of fashion adoption; NIFT – basic courses</p> <p>Fashion analysis</p> <p>Terms related to fashion industry- style, fashion, apparel, garment, silhouette, Avant-garde, fad, craze, classic items</p>	

Textbooks and references

S.No	Author	Title	Publisher
1	Durga Deulkar	Household Textiles and laundry work	Atmaram & sons.
2	Susheela Dantiyagi	Fundamentals of Textiles and their care	Orient Longman
3	Sushma Gupta, Neeru Garg, Renu Saini	Textbook of Clothing and Textiles	Kalyani Publishers,

			Hyderabad	Text Books	
4	V. Nurjahan, R. Santha		Telugu Academy Publication		
5	Katherine Paddock Hess	Textiles Fibers and their use.	Oxford & IBH, New Delhi		
6	Bernard P. Corbman	Textiles- Fiber to Fabric	Mc Graw International Edition		
7	Mc. Calls Sewing in Colour		Hamlyn House, London		Reference Books
8	Manmeeth Sing	Dress Designing	Kalyani Publishers		
9	Mary Kefgen	Individuality in clothing			
10	Mary Mathews	Clothing Construction			
11	Biswas	Indian Costumes			

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: III B.Sc.

Semester: VI

Paper: I

Subject: Textiles and Clothing

Title: Family Attire and Consumer Education

Theory: 3 hours + **Practical:** 3 hours/ week **w.e.f.** 2010-11

Model Question Paper

Time : Three Hours

Maximum: 70 marks

PART – A (5 X 2=10 marks)

Answer any **FIVE** questions. Each answer not to exceed 2 or 3 sentences.

1. What is the full form of NIFT?
2. Define wardrobe.
3. What is wardrobe inventory?
4. What is fabric count?
5. Define the term 'silhouette'.
6. Mention two factors that influence selection of towels.
7. What is fashion?

PART –B (6 X 5=30 marks)

Answer any **SIX** questions. Each answer not exceeding one page.

8. What are the causes for fashion changes?
9. Discuss on the factors to be considered in the selection of fabrics.
10. Describe about wardrobe inventory.
11. Elaborate on traditional Indian accessories.
12. What are the problems faced by Indian consumer in the selection of textiles and clothing?.
13. Describe direct dyeing methods.
14. What types of fabrics are suitable for curtains?
15. Compare readymade and tailor made garments and write their merits and demerits.

PART C (2 X 15=30 marks)

Answer the following questions. Each answer not to exceed 3-4 pages.

16. (a) Discuss on traditional male costumes of India.

Or

(b). Discuss the factors that control price of garments in consumer buying.

17. (a). Explain the factors that influence consumer buying.

Or

(b). Plan a wardrobe for a low income, college girl who is a part-time employee.

Practicals

1. Non-woven fabrics

- i). Knitting
- ii). Crocheting

2 Dyeing and Printing

- i) Direct dyeing/printing
 - (a) Stencil- with brush, spray techniques
 - (b) Block printing.
- ii) Resist dyeing/printing
 - (a) Batik using cold dyes.
 - (b) Tie dyeing with naphthals and vats

3 Textile Chemistry

- i. Shrinkage Test/ dimensional stability
- ii. Colour fastness for sunlight.

4. Fabric embellishment

- i. Fabric Painting.
- ii. Appliqué work/ Patch work

5. Wardrobe inventory:

- i. Making an inventory of one's own clothing.
- ii. Planning wardrobe for two income groups.

6. Attaching sari fall
7. Picot
8. Renovating old garments
9. Creative use of rags (crazy patch)
- 10. Drafting, pattern laying, cutting and Construction of**
 - i. Pillow cover
 - ii. Sari petticoat
 - iii. Adult's Bodice Block
 - iv. House Coat/ night suit
 - v. Kameez/ kurthi
 - vi. Salvar/chudidar.

JMJ COLLEGE FOR WOMEN (AUTONOMOUS): TENALI

Department of Home Science

Class: III B.Sc. **Semester:** VI

Paper: I **Subject:** Textiles and Clothing

Theory: 3 hours + **Practical:** 3 hours/ week **w.e.f.** 2010-11

Practical Examination Model Paper

Time: 3 hours

Marks: 80

Practical: 50 (external)

Garments and other items: 20(internal)

Prepublic exam : 10 (internal)

Questions

1. Draft and construct the following.
Six piece skirt or

Jacket or

Nightdress or

salwar or

kameez
2. Prepare the sample of dyeing or printing
2. Crochet or knit 1x1inch piece.
3. Fabric painting or appliqué.

Scheme of valuation:

Question 1.

Drafting	----	10	
Construction	----	10	----

Question 2 Weaves ----10

Question 3 crochet or knitting ---10

Question 4 painting or appliqué ---10

TOTAL ---- 50