

NATIONAL UNIVERSITY



Syllabus

Subject: Madar Bux Home Economics

Three-Years B.Sc. (Pass) Course
Effective from the Session: 2013–2014

National University

Subject: Home Economics

Syllabus for Three Years B.Sc. Pass Degree Course

Session: 2013-2014

Compulsory Subjects

Paper Code	Paper Title	Marks.	Credit
111501	History of the Emergence of independent Bangladesh	100	4
121001	evsjv RvZxq fvlv	100	4
131101	English (Compulsory)	100	4
Total		300	12

Sub: Basic Home Economics

Paper Code	Paper Title	Marks	Credits
First Year			
116001	Home Management	100	4
116003	Child Development	100	4
Second Year			
126001	Interior Decoration	100	4
126003	Early Childhood Education	100	4
Third Year			
136001	Advanced Home Management and Housing	100	4
136003	Child Welfare and Family Relations	100	4
136012	Practical (Basic Home Economics)	100	4
Total		700	28

Sub: General Science Food and Nutrition

Paper Code	Paper Title	Marks	Credits
First Year			
116005	Food and Nutrition	100	4
116007	Food Science and Microbiology	100	4
Second Year			
126005	Community Nutrition and Health Education	100	4
126007	Meal Management	100	4
Third Year			
136005	Biochemistry and Elementary Physiology	100	4
136007	Human Nutrition and Dietetics	100	4
136014	Practical (General Science Food and Nutrition)	100	4
Total		700	28

Sub: Applied Home Economics

Paper Code	Paper Title	Marks	Credits
First Year			
116009	Applied Art	100	4
116011	Clothing and Textile	100	4
Second Year			
126009	Creative Art	100	4
126011	Principles of Family Clothing	100	4
Third Year			
136009	Art and Craft – Income generating sources for women	100	4
136011	Fashion Designing	100	4
136016	Practical (Applied Home Economics)	100	4
Total		700	28

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Subject: Home Economics

Syllabus for Three Years B.Sc. Pass Degree Course

Session: 2013-2014

Course Content and Marks Distribution

First Year

Paper Code	Paper Title	Marks	Credits
111501	History of the Emergence of independent Bangladesh	100	4
116001	Home Management	100	4
116003	Child Development	100	4
116005	Food and Nutrition	100	4
116007	Food Science and Microbiology	100	4
116009	Applied Art	100	4
116011	Clothing and Textile	100	4
	Total	700	28

Second Year

Paper Code	Paper Title	Marks	Credits
121001	evsjv RvZxq fvlv	100	4
126001	Interior Decoration	100	4
126003	Early Childhood Education	100	4
126005	Community Nutrition and Health Education	100	4
126007	Meal Management	100	4
126009	Creative Art	100	4
126011	Principles of Family Clothing	100	4
	Total	700	28

Third Year

Paper Code	Paper Title	Marks	Credits
131101	English (Compulsory)	100	4
136001	Advanced Home Management and Housing	100	4
136003	Child Welfare and Family Relations	100	4
136005	Biochemistry and Elementary Physiology	100	4
136007	Human Nutrition and Dietetics	100	4
136009	Art and Craft – Income generating sources for women	100	4
136011	Fashion Designing	100	4
136012	Practical (Basic Home Economics)	100	4
136014	Practical (General Science Food and Nutrition)	100	4
136016	Practical (Applied Home Economics)	100	4
	Total	1000	40

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Syllabus for 3 years B.Sc. Pass Degree Course

Session: 2013-2014

Paper Code	Paper Title	Marks	Credits
111501	History of the Emergence of Independent Bangladesh	100	4
116001	Home Management	100	4
116003	Child Development	100	4
116005	Food and Nutrition	100	4
116007	Food Science and Microbiology	100	4
116009	Applied Art	100	4
116011	Clothing and Textile	100	4
	Total =	700	28

Paper Code	111501	Marks: 100	Credits: 4	Class Hours: 60
Paper Title:	History of the Emergence of Independent Bangladesh			

- 5| **mvgwIK kvmb: AvBqye Lvb I Bqvwngv Lvþbi kvmbvgj (1958-71)**
 K) mvgwIK kvmþbi msÁv I ^ewkó"
 L) AvBqye Lvþbi ¶gZv `Lj I kvmþbi ^ewkó" (ivR%bwZK wbcxob, ¶gŠwjK MYZš, aþg©i
 ivR%bwZK e`envi)
 M) AvBqye Lvþbi cZb I Bqvwngv Lvþbi kvmb, GK BDwbU wejywšKiY, mve©Rbxb ¶fvUvwaKvi,
 GjGdl (Legal Framework Order)
- 6| **RvZxqZvevþ`i weKvk I ^vwaKvi Avþ`vjb**
 K) mvs`...wZK AvMÖvmþbi wei`þ× cÖwZþiva I evOvwj ms`...wZi D%4xeb
 L) þkL gywReyi ingvþbi 6-`dv Avþ`vjb
 M) 6-`dv Avþ`vjbþbi cÖwZwµqv, j`Zi I Zvrch©
 N) AvMiZjv gvgjv, 1968
- 7| **1969-Gi MYAfy`lvb I 11-`dv Avþ`vjb**
 K) cUf~wg
 L) Avþ`vjbþbi Kg©m~Px, j`Zi I cwiYwZ
- 8| **1970 Gi wbe©vPb, AmnþhvM Avþ`vjb I e½eÜzi ^vaxbZv þNviYv**
 K) wbe©vPþbi djvdj Ges Zv þgþb wbþZ þKþ`ai A^xK...wZ
 L) AmnþhvM Avþ`vjb, e½eÜzi 7B gvþP©i fvIY, Acvþikb mvP©jvBU
 M) e½eÜzi ^vaxbZv þNviYv I þMÖdZvi
- 9| **gyw³hy× 1971**
 K) MYnZ`v, bvix wbh©vZb, kiYv_©x
 L) evsjvþ`k miKvi MVb I ^vaxbZvi þNviYvcî
 M) ^Z:ù,Z© cÖv_wgK cÖwZþiva I msMwVZ cÖwZþiva (gyw³þdšR, gyw³evwnbx, þMwijn I
 mæšyL hy×)
 N) gyw³hyþ× cÖPvi gva`g ( ^vaxb evsjv þeZvi þK`a, weþ`kx cÖPvi gva`g I RbgZ MVb)
 O) Qvî, bvix I mvaviY gvbyþli Ae`vb (MYhy×)
 P) gyw³hyþ× e„nrkw³ I gymwjg ivóª mg~þni f~wgKv
 Q) `Lj`vi evwnbx, kvwš—KwggwU, Avje`i, Avjkgvm, ivRvKvi evwnbx, ivR%bwZK `j I þ`kxq
 Ab`vb` mnþhvMxþ`i ^vaxbZvweþivax Kg©KvÜ I eyw×Rxex nZ`v
 R) cvwK`lvþb ew` Ae`vq e½eÜzi wePvi I wek!cÖwZwµqv
 S) cÖevmx evOvwj I weþk!i wewfbœ þ`þki bvMwiK mgvþRi f~wgKv
 T) gyw³hyþ× fviþZi Ae`vb
 U) þhŠ_ evwnbx MVb I weRq
 V) ^vaxbZv msMÖvþg e½eÜzi þbZ...Zi Ges Ae`vb
- 10| **e½eÜz þkL gywReyi ingvþbi kvmbKvj, 1972-1975**
 K) ^þ`k cÖZ`veZ©b
 L) msweavb cÖYqb
 M) hy× weaY— þ`k cybM©Vb
 N) mcwievþi e½eÜz nZ`v I Av`wk©K cUcwieZ©b

History of the Emergence of Independent Bangladesh

Introduction: Scope and description of the emergence of Independent Bangladesh.

1. **Description of the country and its people.**
 - a. Geographical features and their influence.
 - b. Ethnic composition.
 - c. Language.
 - d. Cultural syncretism and religious tolerance.

- e. Distinctive identity of Bangladesh in the context of undivided Bangladesh.
2. **Proposal for undivided sovereign Bengal and the partition of the Sub Continent, 1947.**
 - a. Rise of communalism under the colonial rule,
 - b. Lahore Resolution 1940.
 - c. The proposal of Suhrawardi and Sarat Bose for undivided Bengal : consequences
 - d. The creation of Pakistan 1947.
 3. **Pakistan: Structure of the state and disparity.**
 - a. Central and provincial structure.
 - b. Influence of Military and Civil bureaucracy.
 - c. Economic, social and cultural disparity
 4. **Language Movement and quest for Bengali identity**
 - a. Misrule by Muslim League and Struggle for democratic politics.
 - b. Foundation of Awami league, 1949
 - c. The Language Movement: context and phases.
 - d. United front of Haque – Vasani – Suhrawardi: election of 1954, consequences.
 5. **Military rule: the regimes of Ayub Khan and Yahia Khan (1958-1971)**
 - a. Definition of military rules and its characteristics.
 - b. Ayub Khan's rise to power and characteristics of his rule (Political repression, Basic democracy, Islamisation)
 - c. Fall of Ayub Khan and Yahia Khan's rule (Abolition of one unit, universal suffrage, the Legal Framework Order)
 6. **Rise of nationalism and the Movement for self determination.**
 - a. Resistance against cultural aggression and resurgence of Bengali culture.
 - b. The six point movement of Sheikh Mujibur Rahman
 - c. Reactions; Importance and significance of the six Point movement.
 - d. The Agartala Case 1968.
 7. **The mass-upsurge of 1969 and 11 point movement:**
 - a. background
 - b. programme significance and consequences.
 8. **Election of 1970 Non-cooperation movement of March 1971 and the Declaration of Independence by Bangobondhu**
 - a. Election result and centres refusal to comply
 - b. The non co-operation movement, the 7th March Address of Bangobondhu, Operation Searchlight
 - c. Declaration of Independence by Bangobondhu and his arrest
 9. **The war of Liberation 1971**
 - a. Genocide, repression of women, refugees

- b. Formation of Bangladesh government and proclamation of Independence
- c. The spontaneous early resistance and subsequent organized resistance (Mukti Fouz, Mukti Bahini, guerillas and the frontal warfare)
- d. Publicity Campaign in the war of Liberation (Shadhin Bangla Betar Kendra, the Campaigns abroad and formation of public opinion)
- e. Contribution of students, women and the masses (Peoples war)
- f. The role of super powers and the Muslim states in the Liberation war.
- g. The Anti-liberation activities of the occupation army, the Peace Committee, Al-Badar, Al-Shams, Rajakars, pro Pakistan political parties and Pakistani Collaborators, killing of the intellectuals.
- h. Trial of Bangabondhu and reaction of the World Community.
- i. The contribution of India in the Liberation War
- j. Formation of joint command and the Victory
- k. The overall contribution of Bangabondhu and his leadership in the Independence struggle.

10. The Bangabondhu Regime 1972-1975

- a. Homecoming
- b. Making of the constitution
- c. Reconstruction of the war ravaged country
- d. The murder of Bangabondhu and his family and the ideological turn-around.

mnvqK MÖš'

1. bxnvi iÄb ivq, *evOvjxi BwZnvm*, †Ö R cvewjwks, KjKvZv 1402 mvj|
2. mvjvn& Dwlb Avn†g` I Ab`vb` (mæúvw`Z), *evsjv†`†ki gyw³ msMÖv†gi BwZnvm 1947-1971*, AvMvgx cÖKvkxb, XvKv 2002|
3. wmivRyj Bmjvg (mæúvw`Z), *evsjv†`†ki BwZnvm 1704-1971*, 3 LÛ, GwkqvwUK †mvmvBwU Ae evsjv†`k, XvKv 1992|
4. W. nvi`b-Ai-iwk`, *evsjv†`k: ivRbxwZ, miKvi I kvmbZvwš¿K Dbæqb 1757-2000*, wbD GR cvewj†KkÝ, XvKv 2001|
5. W. nvi`b-Ai-iwk`, *evOvwji ivóªwPš—v I ^vaxb evsjv†`†ki Af~`q*, AvMvgx cÖKvkxb, XvKv 2003|
6. W. nvi`b-Ai-iwk`, *e½eÜzi Amgvß AvZ¥Rxebx cybcv©V*, w` BDwbfvwm©wU †cÖm wjwg†UW, XvKv 2013|
7. W. AvZdzj nvB wkejx I W.†gvt gvneyei ingvb, *evsjv†`†ki mvsweavwbK BwZnvm 1773-1972*, m~eY© cÖKvkb, XvKv 2013|
8. gybZvwmi gvgyb I Rqšl Kzgvi ivq, *evsjv†`†ki wmwfj mgvR cÖwZövi msMÖvg*, Aemi, XvKv 2006|
9. AvwZDi ingvb, *Amn†hvM Av†`vj†bi w`b,wj: gyw³hy†×i cÖ`wZ ce©*, mwvnZ` cÖKvk, XvKv 1998|
10. W. †gvt gvneyei ingvb, *evsjv†`†ki BwZnvm, 1905-47*, Zvgªwjwc, XvKv 2011|

11. W. †gvt gvneyei ingvb, *evsjv†`†ki BwZnvm, 1947-1971*, mgq cÖKvkb, XvKv 2012|
12. %mq` Av†bvqvi †nv†mb, *evsjv†`†ki ^vaxbZv hy†x civkw³i f~wgKv*, Wvbnv cÖKvkbx, XvKv 1982|
13. Avejy gvj Ave`yj gywnZ, *evsjv†`k: RvwZiv†óªi D™¢e*, mvwnZ` cÖKvk, XvKv 2000|
14. †kL gywReyi ingvb, *Amgvß AvZ†Rxebx*, w` BDwbfvwm©wU †cÖm wjwg†UW, XvKv 2012|
15. wmivR D`&`xb Avn†g`, *GKvĚ†ii gyw³hyx: ^vaxb evsjv†`†ki Af~`q*, BmjvwgK dvD†Ükb, XvKv 2011|
16. RqšÍ Kzgvi ivq, *evsjv†`†ki ivR%bwZK BwZnvm*, myeY© cÖKvkb, XvKv 2010|
17. Harun-or-Roshid, *The Foreshadowing of Bangladesh: Bengal Muslim League and Muslim Politics, 1906-1947*, The University Press Limited, Dhaka 2012.
18. Rounaq Jahan, *Pakistan: Failure in National Integration*, The University Press Limited, Dhaka 1977.
19. Talukder Maniruzzaman, *Radical Politics and the Emergence of Bangladesh*, Mowla, Brothers, Dhaka 2003.
20. †gmevn Kvgvj I Ckvb PpeZx©, *bv†Pv†ji K...IK we†`avn, mgKvjxb ivRbxwZ I Bjv wgĴ*, DĚiY, XvKv 2008|
21. †gmevn Kvgvj, *Avmv` I EbmĚ†ii MYAfy`İvb*, weeZ©b, XvKv 1986|

Paper Code	116001	Marks: 100	Credits: 4	Class Hours: 60
Paper Title:	Home Management			

1. **Meaning of Home Management:**
 - a. As a responsibility of home Maker.
 - b. As a Paper of study
2. **Management in General:**
 - a) Definition
 - b) Misconception
3. **Concept of Home Management:**
 - a) Family goals, values
 - b) Standards, needs and wants
 - c) Attitudes and skills, knowledge and interest
4. **Process of Management:**
 - a) Planning
 - b) Organization
 - c) Implementation and evaluation
5. **Decision Making:**
 - a) Definition
 - b) Importance
 - c) Classification
 - d) Process
6. **Resources:**
 - a) Definition
 - b) Classification
 - c) Process
7. **Time Management:**
 - a) Importance of time
 - b) Plan to use time
 - c) Wise use of leisure time

8. **Money Management:**
 - a) Importance
 - b) Sources of income
 - c) Students expenditure
 - d) Importance of daily account keeping
9. **Financial Management:**
 - a) Saving-types, advantages and disadvantages
 - b) Credit-kinds, advantages and disadvantages

Books Recommended:

1. Nickell, Rice, Tacker : *Management in family living*
2. Goodyear : *Effective Home Management*
3. Gross, Crandall and Knoll : *Management in Modern Families*
4. ggZvR Lvb : ÒcvwievwiK Rxeb I M,,n e"e"vcbvÓ 2q ms" kib, 1998Bs

Paper Code	116003	Marks: 100	Credits: 4	Class Hours: 60
Paper Title:	Child Development			

1. **Introduction:** The practical importance of child development. Some historical perspectives and principles. Meaning of Development; Principles of development, States of development; Growth measurements by head, chest, height and weight. Curves of normal growth.
The prenatal stage- Beginning of life Genetic factors in development; heredity and environment controversy. Pattern of physical development (physical defects and disorders). Factors influencing development of the child.
2. **Infancy and Babyhood-** pattern of physical and behavioral development (sensory, motor, intellectual and emotional development).
3. **Preschool years-** Developmental tasks-physical growth and health social and emotional development. Intelligence and its measurement, language development. Play activities guidance, problems of development.
4. **Middle childhood-**Developmental tasks, motor skills moral and --spiritual development, mental development, play and games, developmental problems.
5. **Late childhood pre-adolescence-**physical development, intelligence. Attitudes and interests social development, Emotional development, Developmental problems.

Books Recommended:

1. E.Hurlock : *Child Development*
2. Garrison : *The Psychology of Adolescence*
3. Berzonsky : *Adolescent development*
4. Breekenridge and Vincent : *Child Study*
5. Mussen, P.H. Conger J.J and Kagan J. : *Child Development*
6. Stone and Church : *Childhood and Adolescence*
7. Stone and Church : *Introduction to child study*
8. Jersild, A. Y. : *The Psychology of Adolescence*
9. kvnxb Avn†g` : *wkī ea@b, weKvk I cwiPvjbv*

Paper Code	116005	Marks: 100	Credits: 4	Class Hours: 60
Paper Title:	Food and Nutrition			

1. Basic concept of food and nutrition, Relation of food and nutrition to health.
2. Classification of foods according to function, energy yielding. Body building and protective foods. Nutritive value of common foodstuffs.
3. Classification of nutrients, carbohydrates, proteins, fats, vitamins, mineral their chemical nature, functions food sources and requirements.
4. Planning of balanced diets-Principles of meal planning for different age groups and physiological conditions infancy, childhood, adults, old age pregnancy, lactation.
5. Food selection and food preparation. Different methods of cooking, effects of cooking on nutritive value of foods. Selection, preparation and storage of foods, milk and milk products, meat, fish, vegetables and cereals.
6. Therapeutic nutrition therapeutic diets. Dietary management in fever, constipation, infections, liver disease, heart disease, diabetes.]
7. Nutritional problems of Bangladesh. Malnutrition-etiology of PEM, IDD, micronutrients and their remedies.

Books Recommended:

1. M. Swaminathan : *Essentials of Food and Nutrition Vol.I*
2. Shubhangini AJoshi : *Nutrition and dietetics*
3. Bogert : *Nutrition and Physical fitness*
4. kvnxb Avn†g` : *Lv''' l cywó weÁvb (cÖ_g ms~iY)*

Paper Code	116007	Marks: 100	Credits: 4	Class Hours: 60
Paper Title:	Food Science and Microbiology			

1. **Approximate composition of the following food stuffs for protein, carbohydrate and fats:**
a) Cereals b) Meat and Fish c) Eggs d) Milk e) Fruits and Vegetables g) Oil and seeds and nuts.
2. **The study of color and flavor in foods:**
a) Properties of natural color in foods: carotenoids, chlorophylls, anthocyanins, flavonoids, tannins.
b) Changes of colour in different processing and cooking.
c) Function of flavour and taste, natural and artificial flavouring substances.
d) Effect of processing on flavour changes.
3. **Food and spoilage and preservation:** causes of food spoilage, principles and methods of food preservation.
4. **Food adulteration:** Common adulterants and their ill-effects, simple test to detect adulteration.
5. Microbiology of air, water, sewerage and food.
6. Transmission of diseases. Modes of transmission, Body resistance, common infectious diseases: typhoid, paratyphoid, dysentery, food infections.

Books Recommended:

1. Norman Potter : *Food Science*
2. L. H. Meyer : *Food Chemistry*
3. M. W. Desrosier : *Elements of Food Technology*
4. W. C. Frazer : *Food Microbiology*
5. Fabian d : *Home Food Preservation*
6. Gerold J. Tortora, Funke and Case : *Microbiology an Introduction*
7. Michad J. Pelegar, Chan Krieg : *Microbiology*

Paper Code	116009	Marks: 100	Credits: 4	Class Hours: 60
Paper Title:	Applied Art			

1. **Art Education:**

- a) Definition, aim and objectives of Art.
- b) Principles and elements of Art and color theories.
- c) Development of good taste in home decoration and personally expressed through selection and arrangement of articles in home.
2. **Outline of History of Art and Culture Heritage of Bangladesh:** Origin of History of Art- Prehistoric, ancient and medieval Art. Influence of magic, Religion and culture in Art, Art of East and West, folk-Arts and Crafts of Bangladesh.
3. **Essence of Design:** Structural and Decorative design. Evolution of design, Textile Arts and designs, Furniture design.
4. **Home Furnishing:** Selection and arrangements of furniture, picture decorative wall hangings mats, fixing of cushions, floor coverings, curtains and other articles and accessories with emphasis of aesthetic and practical value, Arrangements of room in local styles as adopted to the modern conditions of living. Making the best of ones possession through elimination, rearrangement and concealment. Study of the effect of color and other art elements and principles in Home decoration interior, exterior and other and other parts of the house (Home furnishing, architecture and landscape)
5. **Flower arrangement:** Following beauty of line and color for different seasons and occasions. Artistic arrangements of leaves, foliage, roots, tubes, twigs, berries, seedpods, Selection of Vase and Accessories.

Books Rdocmmended:

1. Maitland graves : *The art of colour design*
2. Donald M. Anderson : *History of World Art*
3. Marjoie Elliot Belivin : *Design through Discovery*
4. Nora Proud : *Textile printing Design*
5. Victoria Kloss Ball : *The art of Interior Design.*

Paper Code	116011	Marks: 100	Credits: 4	Class Hours: 60
Paper Title:	Clothing and Textile			

1. **History of Costume-East and West:**
 - a) The development of costume from ancient to modern times with consideration of the historic, social and economic settings.
 - b) Historic fabrics of Bangladesh
 - c) Historic costume of Bangladesh-Cultural and economic significance.
2. **Clothing needs for family members.**
 - a) Consumer problems in family clothing.
 - b) Problems of clothing consumption as encountered during various stages of the family life cycle.
 - c) Economic, Psychological, Physiological and Social factors involved in Clothing the family.
3. **Textile fibres:**
 - a) Technical methods of identification, basic performance characteristics.
 - b) Textile yarn productions.
 - c) Fabrics- Construction, finishes and finishing.
 - d) Dying and Printing of fabrics.
4. **Tailoring Techniques: Garments Techniques and Training.**

- a) Planning-making (Care, upon design) Patterns and taking measurement for garments, pattern, attraction and fitting and construction of garments.
 - b) Experiments with techniques of tailoring.
 - c) Role of color, texture and good designs in clothing. Design analysis and creative approach for designing clothes.
5. a) Teaching materials for the clothing class. Investigation preparation and evaluation of teaching materials for students planning to teach or demonstrate home economics.
- b) Cultural, functional and technological development in textile clothing.
 - c) Aiming for careers in clothing and fashion, study of fashion trends.

Books Recommended:

- | | |
|---------------------------|---|
| 1. Harriell T. Mc. Jinsey | : <i>Art in clothing selection</i> |
| 2. Harrison S. Hillhouse | : <i>Dress selection and design</i> |
| 3. Boxter | : <i>Our clothing</i> |
| 4. Carson | : <i>How you look and dress</i> |
| 5. Rohr M. | : <i>Pattern drafting, childrens garment design</i> |
| 6. Gately Olive | : <i>Your future in the fashion world</i> |

National University
Madar Bux Home Economics College
Syllabus for 3 years B.Sc. Pass Degree Course
Subject: Home Economics
Session: 2013-2014

Second Year

Paper Code	Paper Title	Marks	Credits
121001	evsjv RvZxq fvlv	100	4
126001	Interior Decoration	100	4
126003	Early Childhood Education	100	4
126005	Community Nutrition and Health Education	100	4
126007	Meal Management	100	4
126009	Creative Art	100	4
126011	Principles of Family Clothing	100	4
	Total =	700	28

Second Year
Deatailed Syllabus

Paper Code : 121001	Marks : 100	Credits : 4	Class Hours : 60
Paper Title :	evsjv RvZxq fvlv		

K : mvwnZ"

1) wbe©vwPZ KweZv

ba^i-25

- K) gvB±Kj gaym~`b `E : AvZ¥-wejvc
L) iex>`abv_ VvKzi : HKZvb
M) KvRx bRi`j Bmjvg : ^PZx nvlqv
N) Rxebvb>` `vk : ebjZv †mb
O) dii`L Avgng` : WvûK
P) kvgmyi ivngvb : evi evi wd†i Av†m
Q) Avj gvngy` : †mrvbvjx Kvweb: 5

2) wbe©vwPZ cÖeÜ

ba^i-25

- K) ew¼gP>`a P±Ævcva`vq : ev½vjv fvlv
L) nicÖmv` kv`¿x : ^Zj
M) iex>`abv\_ VvKzi : mf`Zvi msKU
N) cÖg_ †PŠayix : †hŠe†b `vl ivRwUKv
O) KvRx Ave`yj l`y` : evsjvi RvMiY
P) KvRx bRi`j Bmjvg : ivRe>`xi Revbe>`x
Q) †gvZv†ni †nv†mb †PŠayix : ms`<...wZ-K_v

3) wbe©vwPZ Mí

ba^i-25

- K) iex>`abv_ VvKzi : GKivwÎ
L) wef~wZf~IY e†~`vcva`vq : cuyB gvPv
M) Aveyj gbmyi Avgng` : ûhyi †Kejv
N) gvwbK e†~`vcva`vq : cÖv%oMwZnvwmK
O) `mq` lqvxDjvn : bqBPviv
P) kvgmylxb Aveyj Kvjvg : c_ Rvbv bvB
Q) nvmbv AvwRRyj nK : AvZ¥Rv I GKwU Kiex MvQ

L : fvlv wkflv**bq^i-25**

- 1| cÎ iPbv : e`w³MZcÎ, `vd&ZwiKcÎ, e`emvq-msµvšÍcÎ, Av±e`bcÎ l gvbcl
- 2| M`ixwZ : mvay, PwjZ l AvÂwjK
- 3| cÖwgZ evsjv evbv±bi wbqg (evsjv GKv±Wwg, XvKv)
- 4| Abyev` : Bs±iwR †_±K evsjv
- 5| mvims±flc|

Paper Code	126001	Marks: 100	Credits: 4	Class Hours: 60
Paper Title:	Interior Decoration			

1. Introduction:

- a) Meaning of interior design and interior decoration
- b) Difference between interior design and interior decoration
- c) Elements of interior design
- d) Purpose of interior design
- e) Specialization and Specialities (Home interior, restaurant interior, hotel interior, institute interior)

2. Basic Principles of Interior Design:

- a) Function b) Proportion c) Harmony and Balance d) Color e) Centre of interest f) Rhythm g) Unity with variety.

3. Defining Interior Space:

- a) Floor b) Enclosures, walls, Partitions and other barriers c) Ceiling Roof d) Pattern of space use.

4. Basic Design Elements:

- a) Furniture arrangement b) Wood c) Steel d) Glass e) Composite elements (artifacts and curtains etc.)

5. Color As An Essence of Interior Design:

- a) Psychological impact of color
- b) Color scheme, types of color scheme, use of color scheme.
- c) Factors influencing the color scheme
- d) Use of color on accordance to mood and purpose of space.

6. Light-An Essential Consideration of Interior Design:

- a) Definition to light.
- b) Biological needs of light
- c) Lighting design
- d) Principles of lighting
 - i) Planning of lighting
 - ii) Effective use of light source
 - iii) Planning for visual comfort
 - iv) Reducing of shortcomings of artificial light
 - v) Consideration of safety
- e) Lighting of various interiors
 - i) Living room ii) Kitchen iii) Dining table iv) Bathroom v) Offices.

Books Recommended:

1. Your Home outdoors
2. Colour-Martha gill
3. Your Home-Kitchen
4. Your Home Furniture fitness
5. Interior Design-Ruth Morton
6. Art of Ideas-William Fleming
7. The art of Interior Design – Victoria Kloss Ball
8. The art of Colour and Design – Maitland Craves

9. Design through Discovery – Marjorie Elloit Bevin
10. wWRvBb bxwZ I "vcZ" aviv - Avey GBP Bgvg Dwİb
11. M,nm¾v - we we ivq|

Paper Code	126003	Marks: 100	Credits: 4	Class Hours: 60
Paper Title:	Early Childhood Education			

1. The importance of early years:
Early childhood defined- Ecology of early childhood- Understanding the child you teach- characteristics and guidance of two to six years.
2. Characteristics of a Good nursery school. Development of nursery education. Friendrick Withelm Froebel- Maria Montessori.
3. People in the nursery School
 - a) Introducing the people.
 - b) Helping children adjust to new experiences
 - c) Adults guidance system- Adult role in child compliances.
 - d) Methods of involving parents- activities for involving parents- Parent-Teacher conference- Recognizing parental responsibilities in the nursery school.
4. Love and understanding for the child:
 - a) Developing a feeling of trust and security- learning to depend upon self- Developing a feeling of autonomy and initiative.
 - b) Building feelings of confidence and adequacy.
5. Importance of guidance principles:
 - a) The positive value of limits- Difficulty in setting limits- Acceptable limits.
 - b) Initial support through guides to speech and action.
 - c) Developing relationship in groups.
 - d) Rogerian approach to guidance.
6. Handling aggressive behaviour
 - a) Types of aggression-Age and sex difference in Aggression- Sources of Aggression- Aggression in family- Aggression in peer group- keeping good and clean- Failure to get attention and response- Hursh method of control- Threat of friendly adults.
 - b) Relesing and reducing hostility and aggression.
 - c) Controlling and modifying aggression- Individual level- Family level- Community level.
7. Developing the curriculum and evaluating the programme:
 - a. The role of teacher in nursery school
 - b. Planning the daily programme
 - c. Organizing the curriculum
 - d. Areas in cthe curriculum- Listenign- reading- Creative activites- Art- Story and Music time- Guiding play and Physical Activity.
 - e. Dvaluating the progress- Evaluative techniques- Parents in evaluation.

References:

1. Katherine Read. The Nursery School, Saunders company NY.
2. Logan, LM, Teaching the young child. Houghtonn Miffling Co. Boston.
3. Leavit JE Nursery Kindergarten Education McGraw-Hill Book Company, NY
4. Ludlum CR. The Nursery School-Houghtonn Mifflin co. Boston.
5. Marion M. Guidance of young Children- Merrill Publishing company.
6. Hedrick J. The whole child. The C.V Mosby company ST. Louis.
7. Kavin A. Early and Middle Childhood. The Mac Millian Company NY.

Paper Code	126005	Marks: 100	Credits: 4	Class Hours: 60
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Paper Title:	Community Nutrition and Health Education
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- 1. Etiology of malnutrition:** Insufficient food production, social, economic and cultural factors influencing malnutrition.
2. Practical improvement of community nutrition: Health and nutrition education, food distribution and its implication, food enrichment and fortification, improving household food security.
3. The importance of health education: Signs of fitness: balanced diet, exercise and weight control.
4. Health education in family health care: Advice for pregnant women complication of pregnancy. Birth injuries, Health education for school age children and adolescent girls.
5. Health education in the control of communicable and non communicable diseases – causative agents mode of transmission and preventive measures bacterial and viral infections, “AIDS”, SID etc.
6. Protection and Promotion of good health.
 - Primary healthcare, rehabilitation of malnutrition.
 - PEM, IDD etc.
 - Growth monitoring and promotion immunization, supplementary feeding of children and pregnant women.

Books Recommended:

1. Michael C. Latham : *Human nutrition in the developing world. FAO food and nutrition series.*
2. Jelliffe & Jelliffe : *Community Nutrition Assessment*
3. Pieter Streelland & Jad Chabol : *Implementing primary health care*
4. Warner wek Hoeget & Shaman A Hoeger : *Fitness & well being.*

Paper Code	126007	Marks: 100	Credits: 4	Class Hours: 60
Paper Title:	Meal Management			

1. General diet and modification

- a) Approximate Composition of common foods stuff grains. pulses and fruits.
- b) Vegetable, leafy vegetables, tubers, fresh food milk and egg.
- c) Nutritional basis for food classification. How food groups contribute nutrient.
- d) Basic food groups and menu planning.
- e) Recommended dietary allowances.
- f) High caloric and low caloric diet. High protein and low protein diet, High vitamin diet.

2. Planning diet for different physiological conditions

- a) Infancy
- b) Childhood and adolescence
- c) Pregnancy and Lactation
- d) Old age
- e) Obesity and under weight
- f) Different disease condition (specially diabetes mellitus, diarrhoea, fever, Kidney and liver disease and constipation).

3. Quantity food service

- a) The development of food service in institution.
- b) Meal planning. Food standards and service.
- c) Food selection, Buying and storing.
- d) Food products and their preparation.

4. Planning food service facilities

- a) Factors influencing planning.
- b) Food service facilities for the school, college cafeteria and university dining hall.
- c) Floor planning and layout for dining room and kitchens

5. Organization and administration in the food service institute

- a) Organization and management
- b) Administrative leadership.
- c) Personal management
- d) Cost control.

Book Recommended:

1. Wert and Wood : *Food Service Institution*
2. Beth Balley Melean : *Meal Planning and table service*
3. Brytacarson marue
Carson Raince : *How you plan and prepare meals*
4. Flower B.F : *Food for fifty*
5. Vera Clanssen Crusins : *Quality food management*
6. Mohini Settign Surjeet
Malhan : *Catering Managemet and Integrated Approach*
7. Ronal Kinton &
Victor Ceserani : *The therory of Catering*
8. Aa"vwckv wmwikv Kexi : *ivbœv Lv" cywó*

Paper Code	126009	Marks: 100	Credits: 4	Class Hours: 60
Paper Title:	Creative Art			

1. Meaning and definition of creative art.
2. Objectives of creative art.
3. Crative stitch craft
 - a) Selection of design for creative stitch.
 - b) Tools and material for creative stitch.
 - c) Traditional and modern use of creative stitch craft.
4. Flower Arrangement
 - a) Flower arrangement for different season and occasion.
 - b) Flower arrangement following beauty of line and colour.
 - c) Selection of uses and accessories.
 - d) Important factors for artistice flower araangement.
 - e) Artistic arrangements of leaves foliage roots, twigs etc.
 - f) Different style of flower arrangement – free style western style.
Easter Japanese style
 - i. Style – A
 - ii. Style – B
 - iii. Style – C
 - iv. Style – D
 - g) Dried flower arrangement.
5. The art of paper- Mache
 - a) Definition & objectives of paper-Mache.
 - b) Tools and equipments and various methods of making paper Mache craft.
 - c) Use, advantages and disadvantages of paper Mache craft.
6. The creative art of Macrame
 - a) Definition and introduction of Macrame
 - b) Knotts used in Macrame
 - c) Calculation of thread.
7. Art of card making
 - a) Definition & objectives of card making.
 - b) Selection of card making

- c) Tools and equipments and various methods of making craft.
8. Paper craft and origami.
9. Creativity of candle making.
10. Art of Leather craft.
 - a) Selection of Leather.
 - b) Tools and equipment for leather craft.
 - c) Techniques of leather craft.
 - d) Dyeing and decorating leather craft.

References:

1. Art of everyday experience – Esther S. Warner.
2. Macrame the of creative knotting – Verginian Hervery.
3. Decorative Wall Hangings – Davids B. Van Domonile.
4. Everyone's Flower Arrangement – Hoyn Ohara
5. Guide book of Hobbies – Longare press Ltd.
6. Paper craft and origami – Paul Jackson A Court.
7. e`envwiK wkiKjv Ges e`ı I †cvlvK wki - kv†n`v Lvbg, †gv†k©` Lvbg
8. The art of making – Handrich Willieam Vahaloom.
9. Interior Decoration - Promila Mehara.

Paper Code	126011	Marks: 100	Credits: 4	Class Hours: 60
Paper Title:	Principles of Family Clothing			

- 1. Factors involved in clothing the family:**
 - a) Needs for clothing
 - b) Economic, Social and Psychological factors involved in clothing.
 - c) Clothing and health
 - d) Clothing consumption at different stages of the family life cycle
 - i) Beginning ii) Expanding family iii) Contracting family
- 2. Budgeting for the family clothes:**
 - a) Family income, ideals and the individual allowances for the clothes.
 - b) Family's clothing budget
 - c) Clothing expenditure
- 3. Decision making in selection for clothing:**
 - a) How to make clothing decision
 - b) Factors affecting clothing decision
 - c) Steps in decision making
- 4. Planning the family's wardrobe:**
 - a) Wardrobe planning with special emphasis on budget, occasion, climate, occupation and interests, community, family income number family members, age, figure, fashion, quality and accessories.
 - b) Art elements and art principles in relation to choice of clothing for various family members.
 - c) Color, prints, lines, cheeks and plaids
 - d) Principles applied to special problems
- 5. Children clothing:**
 - a) Principles of selecting suitable fabrics, colours and textiles for children of different age group, viz. infant, creeping, pre-school.
 - b) Designing for child's cloth safety measure, functional and self help garment.
- 6. Garments for different age and different purposes:**
 - a) Teen age
 - b) Working people
 - c) Old age
- 7. Consumer problem in family clothing:**

- a) Family size and income
- b) Individual difference
- 8. Care of clothing in household:**
 - a) Characteristics of washing agent such as water, soap, and detergent.
 - b) General process of laundering.
 - c) Stain removal
 - d) Ironing and pressing
- 9. Proper storage of clothing
 - a) Brushing and airing
 - b) Anti insect treatment
 - c) Principles of storing clothes

Books Recommended:

1. Family clothing – Tate and Clisson
2. Clothing for Moderns – Drwin and Kinchen
3. Experiences with clothing – L. Belle Pollored
4. Clothing constructure and Wardrobe planning – Dora S. Lewis
5. ē ĵ l cwi"Q` - Zvnwgbv Rvgvb
6. Art in clothing selection – Harriet T. Mc. Jinsey
7. Dress selection and design- Harison S. Hillhoiuse
8. Our clothing – Boxter
9. How you look and dress – Carson
10. Pattern draftin, children's garment design – Rohr M.
11. Your future in fashion world – Gately Olive
12. Practical Dress Design – Erwin M. D.
13. AvaywbK wWRvB‡bi KvwUs †mjvB wk¶v - k^ax †`‡e>`^a e‡>`vcva`vq
14. ‡cvkvK cwi"Q` l wkíbxwZ - Zvnwgbv Rvgvb
15. Testile and their care – Shushila Dhantyagi

National University
Madar Bux Home Economics College
Syllabus for 3 years B.Sc. Pass Degree Course
Subject: Home Economics
Session: 2013-2014

Third Year

Paper Code	Paper Title	Marks	Credit
131101	English (Compulsory)	100	4
136001	Advanced Home Management and Housing	100	4
136003	Child Welfare and Family Relations	100	4
136005	Biochemistry and Elementary Physiology	100	4
136007	Hunam Nutrition and Dietetics	100	4
136009	Art and Craft–Income Generating Sources for Women	100	4
136011	Fashion Designing	100	4
136012	Practical (Applied Home Economics)	100	4
	Total =	800	32

Third Year

Paper Code	121101	Marks: 100	Credits: 4	Class Hours: 60
Paper Title	English (Compulsory)			

Aims and objective of this Paper: To develop students' English language skills, to enable them to benefit personally and professionally. The four skills- listening, speaking, reading and writing will be integrated to encourage better language use

1. Reading and understanding 5x4=20
Students will be expected to read passages so that they might come across in their everyday life, such as newspapers, magazines, general books etc. Simple stories will also be included to give students a familiarity with different uses of the language.

[N.B. 5 Deatailed Syllabus Questions are to be answered. Each question will carry 4 marks. There may be division in each question]

- a) Understanding different purposes and types of readings
- b) Guessing word- meaning in context.
- c) Understanding long sentences
- d) Recognizing main idea and supporting ideas
- e) Answering comprehension questions
- f) Writing summaries

2. Writing

- a) Writing correct sentences, completing sentences and combining sentences. 05
- b) Situational Writing: Posters, notices, slogans, memos, advertisements etc. 04

c) Paragraph Writing :Structure of a paragraph; to topic sentence; developing ideas; writing a conclusion; types of paragraphs (narrative, descriptive, expository, persuasive); techniques of paragraph development (such as listing, cause and effect, comparison and contrast)

08

Or,

d) Newspaper writing: Reports. Press realize, dialogue etc

e) Writing resume

8

Or,

f) Writing letters : Formal and Informal letters, letters to the editor, request letter, job applications, complaint letter etc.

g) Essay : Generating ideas; outlining, Writing a Thesis sentence; writing the essay: writing introduction, developing ideas, writing conclusion, revising and editing.

15

3. Grammar

25

a) Word order of sentences.

b) Framing questions.

c) Tenses, articles, subject –verb agreement, noun-pronoun agreement, verbs, phrasal verbs, conditionals, prepositions and prepositional phrases, infinitives, participles; gerunds. (Knowledge of grammar will be test through contextualized, passages).

d) Punctuation

4. Developing Vocabulary: Using the dictionary, suffixes, prefixes, synonyms, antonyms, changing word forms (from verb to noun etc.) and using them in sentences.

10

5. Translation from Bengali to English.

1x5=5

6. Speaking Skills: Speaking skill should be integrated with writing and reading in classroom activities.

The English sound system; pronunciation skills; the IPA system; problem sounds; vowels; consonant and diphthongs; lexical and syntactic stress.

(Writing dialogue and practice it orally students can develop their speaking skill. Dialogue writing can be an item in writing test.)

Paper Code	136001	Marks: 100	Credits: 4	Class Hours: 60
Paper Title:	Advanced Home Management and Housing			

1. Purpose and Philosophy of Home mamagement in Bangladesh.

2. Ecological aspects of Management.

a) The relation of nature to Man, Ecology and Human Ecology. Models definitions, components and interrelationship and functions of each in the system.

- b) Family and Ecosystem: Family decision making process. Types of decision and its interrelatedness. Reducing uncertainty in decision making family community interaction. Changes family in life Managing change.
- c) Environment Hazards to Human life: Factors and effects. Family's effort to cope with problems. Population explosion, Pollution, Managing environmental resource-
 - i) Population and environmental quality (Pollution, resource depreciation).
 - ii) Principles of energy use.
 - iii) Social components of the Environment.
 - iv) Economic institutions as environmental resources.
 - v) People as environmental resources.
 - vi) Other cultural, institutional and social resources.
 - vii) Search for environmental solution.
 - viii) Managing Biological components of the environment.

3. An over all view fo Home Management.

- a) Critical analysis of values, goals and use of resources as effecting manatement practices in Bangladesh homes.
- b) Role of decision making in Home Management.
- c) Historical evidences of Home Management practice in Bangladesh homes.
- d) Socio-cultural and economics changes and their effect upon Home Management.

4. Energy Management

- a) Sources of fuel and energy
- b) Requirements and availability of energy resources.
- c) Energy crisis.
- d) Measures to be taken for energy management. Nationwide and Household sector.

5. Analysis of consumer behavior (consumption and standard of living)

Analysis of housing:

- a) Home comfort (Light, colour, home furnishing).
- b) Housing design

Books Recommended:

1. P.S. Verma : Journal of Home Economics Ecology
2. Nickel, Rice and Tucker : Management in Family Living
3. Aa`vcK ggZvR Lvb : cvwieviwK mæú†`i e`e`vcbv
4. ggZvR Lvb : cvwieviwK Rxeb I M,,n e`e`vcbv, 2q ms`ciY, 1998 Bs, c<sup>a</sup>KvkK Avwid iwK`, XvKv|
5. W. wd†ivRv myjZvbv : M,,n e`e`vcbv I evmM,,n, 4_© ms`ciY, 1997; †mvjvi eyKm GÛ eyKm, evsjjevRvi, XvKv|
6. †MŠZg cvj : cwi†ek I `~iY
7. G. we. Gg. †iRvDj nK : gvbyl I cwi†ek|

Paper Code	136003	Marks: 100	Credits: 4	Class Hours: 60
Paper Title:	Child welfare and Family Relations			

1. Meaning and aim of child welfare.

2. Basic factors in welfare:

- a) Economic Security.
- b) Enlightening parenthood
- c) Strengthening home life.
- d) Physical and mental Health facility.
- e) Education and recreation. f. Special care for children.

3. Importance of welfare in Bangladesh. Rights of children as described by UNO.

4. **Disadvantaged children of Bangladesh:** Definition of disadvantaged children, Types of disadvantages – Physical, - mental Facilities available for the disadvantaged – both government and private. Poverty alleviation and education for the disadvantaged.
5. **Welfare agencies for child and families:-**
 - a) Preventive Services – Play centre, Baby care, Foster home, Adoption centre, Day care centre, Planned Parenthood organizations.
 - b) Curative Services – Homes for the crippled., Correction centers, Vagrant homes and homes for the aged.
6. **Ministry of Child and Women's Welfare in Bangladesh.**
7. **International welfare agencies:** WHO, UNICEF, CARE, UNFPA, family agencies.
8. **The family as a Social institution -** Definition and origin of the family – Existing family pattern in Bangladesh – Functions of the family, size and structure of the family – Individuals place in the family, Recognizing one's own place in relation to other family members – contributions of individual member to the family – Ability to take responsibility and decision making – Conflict and stress in the family. Family life cycles.
9. **Socio-economic considerations which influence –** family living – income – living standards – family crisis – unemployment- illness – working mother.

References:

1. Social Stratification and Social Welfare Services in Bangladesh – Mia & Others.
2. Problems of Children and Adolescents in Bangladesh – M. A. Gafur, Samaj Kalyan Porikroma.
3. The Disable Children in Dhaka – M.A. Sobhan & M. Rahman.

Paper Code	136005	Marks: 100	Credits: 4	Class Hours: 60
Paper Title:	Biochemistry and Elementary Physiology			

1. Cell and Tissue:

- a) Cell: Chemical components-Their structures and biological functions.
- b) Tissue: Classification & functions of various tissues.

2. Biomolecules:

- a) Carbohydrates: Classification, Chemical nature, metabolism of carbohydrate in the body.
- b) Lipids: Classification, Chemical nature, Metabolism of fats in the body, Reaction of fat, Fatty acids of sterols.
- c) Proteins: Classification based on structure and functions, chemical properties. Metabolism of amino acids in the body.

3. Enzymes: Chemical nature, Classification

- a) Mode of enzyme action.
- b) Enzymes in Clinical diagnosis and food industry.

4. Classification, Chemistry and functions of vitamins and minerals.

5. System of the human body:

- a) Alimentary system: Structure and function of various parts of the human gastrointestinal tract.
- b) Circulatory system: Structure of heart, components of blood.
- c) Respiratory system: Lungs structure and the physiology of breathing.

6. General idea of the following organs:

- a) Pancreas: Structure and functions
- b) Liver: Structure and function.
- c) Kidneys: Structure and function, Physiology of urine formation.

7. Endocrine system:

Introduction of hormones and mechanism of hormones action and function of pituitary, thyroid adrenal and sex hormones.

Books Recommended:

1. A.L. Lehmngr : *Biochemistry*
2. Guyton and Hall : *Text Book of Medical Physiology*
3. D.W. Martin, P.A. Mayes
V. W. Rodwell : *Harpers Review of Biochemistry*

Paper Code	136007	Marks: 100	Credits: 4	Class Hours: 60 hrs.
Paper Title:	Human Nutrition and Dietetics			

1. **Nutritional requirements & Recommended Dietary Allowance:**
 - a. Body fitness, body wet management.
 - b. Factors affecting RDA
 - c. Principles of deriving RDA
 - d. Requirment & RDA.
 - e. Energy requirement – Determination of Energy requirement of individual, factors affecting energy requirement – age, sex, physical activity health condition.
2. **Nutritional food requirements during infancy & early childhood:**
 - a) Growth & Development
 - b) Food requirements – breast feeding, supplementary feeding & weaving diets for infants
 - c) Feeding young Children – developing good food habits – Packed lunches & School lunch programme.
 - d) Nutrititional related problems of Children – diarrhea, Malabsotion & appropriate diets in food allergy.
3. **Nutrition and food requirements expected & lactating mothers:**
 - a) Food requirement & dietary modifications.
 - b) Complications of pregnancy & dietary advice.
 - c) General dietary guidelines.
4. **Nutritional & food requirements during old age:**
 - a) Physiological changes in old age.
 - b) Dietary modification in old age.
 - c) Nutritional problems of old age.
5. **Dietetics:**
 - a) Therapeutic diets – its importance, types and factors to consider in planning therapeutic diet.
 - b) Routine hospital diets.
 - c) Special feeding methods – tube feeding parenteral feeding.
 - d) Pre and post operative diet.
6. **Diet for infection and fever:**
 - a) Effect of short term and long term fever on body metabolism.
 - b) Dietary modification in infection & fever –Typhoid, influenza, tuberculosis.
7. **Diet in Diabetes mellitus:**
 - a) Etiology & metabolic changes.
 - b) Symptoms & diagnosis & complications.
 - c) Diabetic diet prescription – in IDDM and NIDDM
8. **Diet in diseases of liver:**
 - a) Agents responsible for liver disease.
 - b) Infective hepatitis & dietary modification.
 - c) Dietary modification in liver cirrhosis.
9. Diseases of blood vessels & Heart – Hypertention, Atherosclerosis, Heart Attack and Stroke

10. Kindney Disease, Electrolyles balance

Recommended Books:

1. Lv'' l c_'' ----- ^mq`v nvwjgv ingvb
2. Dietetics ----- B. Srilakshmi.
3. Nutrition & Dietetics ----- Shubhangini A. Joshi.
4. Nutrition Science ----- B. Srilakshmi.

Paper Code	136009	Marks: 100	Credits: 4	Class Hours: 60
Paper Title:	Art and Craft – Income Generating Sources for Women			

1. Status of Women in Bangladesh

- a) Woman of rural area
- b) Woman of urban area
2. Sources of income for women
 - a) Types of family income
 - i) Real income
 - ii) Money income
 - iii) Psychic income
 - b) Source of income
 - i) Household activities – House keeping, painting, writing etc.
 - ii) Professional activities – Teacher, Doctor, Nurse, IT Specialist, pilots, Defense personal, Engineer, Architect, Mechanics, Technicians, Journalist, Artist, Designer, etc.
 - iii) Business activites – Cottage Industry, Garments, Boutique, Beauty Parlors, Interior Decoration Export and Import business etc.
3. Importance of financial security for women
 - a) Health
 - b) Education
 - c) Marriage
 - d) Family living
4. Income generating sources through Art and Craft
 - a) Fine Art – Music, Dance, Painting, Sculpture, Acting, Literature.
Craft – Stichery, Weaving, Pottery, Dress designing and making, Interior decoration, Small scale cottage industry items such as – Hand made paper, Packet food spices, pickles and other home made products, candle making etc.
5. Women Entrepreneurs of art craft products.
 - a) Definition and qualities of women entrepreneurs.
 - b) Problems of women entrepreneurs and ways of solution of those problems.
 - c) Selection of business for women entrepreneurs.
 - d) Role of micro-credit organizations, Banks SME's and EPB in income generating. activities of women.
6. Govt. and Non-Govt. Organizations helpful to women entrepreneurs of Bangladesh.
 - a) Women development programme under department of women affairs.
 - b) Youth development programme
 - c) BSCIC – Function
 - d) Grameen Bank – Aims and Objectives loan service
 - e) MIDAS
 - f) BRAC
 - g) ASA
 - h) Proshika

- i) Probartona
- j) Dhaka Ahsania Mission
- k) CARE
- 7. Marketing management for women entrepreneurs of art and craft products-
 - a) Definition of market
 - b) Importance of marketing
 - c) Market study and market demand
 - d) Product supply methods
 - e) Price decision
 - f) Promotion of products
- 8. Training for efficiency improvement for the women entrepreneurs.

References:

1. wecbb hy±M hy±M
2. KzwUi wkí RvZxq wk¶vµg l cvV" cy´ÍK †ivW©, XvKv|
3. The Art of interior Design – Victoria Kloss Ball.
4. The Art of Making – Hendrick Nilliam Vanloon.
5. Basic Crafts – John R. Lind beet.

Paper Code	136011	Marks: 100	Credits: 4	Class Hours: 60
Paper Title:	Fashion Designing			

1. Fashion Terminology
Areas and scope; Sources for ideas; fashion figure and proportions introduction to seam-and balance lines.
2. Fashion Figure
Basic block figure for female, male and child; regular VS fashion figures; fleshing-out.
3. Freehand drawing
Types of line and tone practice movement figure analysis; poses static and action; face, hands, feet, head and hair styles; mood and style of garment and relevant poses.
4. Fashion Accessories
Scarves, hats, shoes, jewellery and handbags.
5. Rendering of Textures and Fabrics
Velvet, fur, leather, satin, knit, twill and print.
6. Decoration and Detailing
Belts, cuffs, waistbands hemlines, bias, drape, gather, drawstring embroideries, fastenings, frills, flounces, pleats, pockets, seams, vents, slits & zips.
7. Design Brief
Formulation; concept direction, ideas sourcing, research and adaption; fabric theme and color story.
8. Consolidation of Ideas
Idea sheets; illustrated designs; presentation of drawing working drawing for sample development.
9. Presentation of Collection
Creation of concept, mood, story and illustration board.

References:

1. Albert. G. Garie – Figure Drawing techniques.
2. Draxe, N. Fashion – Illustration Today.
3. Journals – Donna; Elle; Itarpers; Vogue
4. Holborn, M. Lessev Miyake – Taschen.
5. Lagerfeld. K; Karl Lagerfeld Taschen
6. Lawson. B-How Designers Think.

Course Code	136012	Marks: 100	Credits: 4	
Course Title:	Practical (Food & Nutrition and General Science)			

1. Weight and measures in Cookery.
2. Use of food composition table.
3. Food substitution Recipes.
4. Scientific principles and techniques applicable to quality cookery; Soup, fish, meat, vegetable salads, cereals, sweets, beverage etc.
5. Planning, preparation and serving school lunch.
6. Plan, prepare and serve dishes suitable for different diseases, constipation, diarrhoea, diabetes etc.
7. Plan a balanced diet and estimate its cost for a family.
8. Experiment on food preservation using different chemicals and preservatives.
9. Use of compound microscope.
10. Determination of suitability of water, milk, fruits and vegetables for human consumption.
11. Development of materials for teaching health & nutrition to different groups.
12. Basic tools of laboratory analysis, laboratory tools handling.
13. Detection of elements in organic substances C. H. N. S & halogens.
14. Detection of glucose, lactose, maltose, sucrose and starch.
15. Acid – base titration
16. Blood Pressure – measurement and make a chart.

Course Code	136014	Marks: 100	Credits: 4	
Course Title:	Practical (Home Management & Housing and Child Development)			

1. Studying students own family pattern and functions and its relation to management.
2. Studying families time plan, budget, procedures and decision making procedures.
3. Preparation of pollution free smokeless chulla, solar, sryer or cooker, shopping bag,
4. Simple house plan.
5. Sketching different ways of aranging dinning room, bed room, drawing room and kitchen.
6. Flower arrangement and dinnig table arrangement.
7. Designing interior space of a Residential Building.
 - Kitchen
 - Bathroom
 - Living room
 - Dinning room
 - Bed room
8. Designing interior spaces of a library building
 - Office space
 - Reading space
 - Lobby/Lounge
9. Observe several Pre school children of the same age in the Nursery school and assess their height, weight, social and emotional development.
10. Observe several problem behaviors of children (Temper tantrums, Negativism and Thumbsucking) and suggest some guidance and help for these (if possible observe in mental retardation centre).

11. Evaluate the growth and behavior of a neonate.
12. Evaluate the growth and motor activities of four babies of 6 months, 12 months, 18 months and 24 months.
13. Visits to different families viz-Traditional family, Nuclear family and prepare and comparative statement on the existing trend.
14. Visits some welfare centers and write a report on their applicability.

Course Code	136016	Marks: 100	Credits: 4	
Course Title:	Practical (Clothing & Textile And Applied Art)			

1. Printing and decorative stitchcry. Screen printing, Batik Block, Tie dye (Sarce, wall hanging, bed covers, Table mats, pieces, cushion covers).
2. Pottery and quilt making (traditional and modern).
3. Leather craft and jute craft (Bags, toys, mats).
4. Creative designs (using various Art media).
 - a) Pottery painting
 - b) Alpana
 - c) Embroidery work
 - d) Making flower
 - e) Making decoration piece
 - f) Paper Mache
 - g) Arrangement of Japanese Style – A, B, C, D.
 - h) Candle making
5. Making color wheel from primary colors.
6. Make clothing inventory and analyze clothing needs for various family members.
7. Make a clothing budget for one year for a family stating income and family description.
8. Draft pattern or patterns including sleeves, collars and pockets.
9. Construct garments for boy's and girl's considering their personal likes and dislikes. Make at least two sets of dresses both for boy's and girl's.
10. Repair, alter for various family members.
11. Draw five different types of pose, consider the mood and style of the garment with appropriate features.