UNIVERSITY OF JAMMU

NOTIFICATION
(10/July/ ADP/34)

It is hereby notified for the information of all concerned that the Vice-Chancellor, in anticipation to the approval of the Academic Council, has been pleased to authorize adoption of the revised Syllabi and Courses of Study in the subject of Home Science for B.Sc. Part III of Three Year (General) Degree Course for the examination to be held in the years as under alongwith %age of change:

<table>
<thead>
<tr>
<th>Class</th>
<th>Part</th>
<th>Paper/Course No.</th>
<th>%age of Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.Sc.</td>
<td>III</td>
<td>311-Empowerment of Individuals with special needs Practicals</td>
<td>No change</td>
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<tr>
<td></td>
<td></td>
<td>312- Advanced Clothing &amp; textiles</td>
<td>less than 50%</td>
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<td>[New title of C.No. 312(New): Apparel and Textile Design]</td>
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<td></td>
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<td>314- Extension Programme Designing &amp; Development Communication</td>
<td>less than 20%</td>
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<td></td>
<td></td>
<td>315- Diet Therapy &amp; Community Nutrition</td>
<td>less than 20%</td>
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<td></td>
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<td>316- Entrepreneurship Development</td>
<td>No change</td>
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<td></td>
<td></td>
<td>313- Family Financial Management &amp; Consumer Education</td>
<td>No change</td>
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</table>

The alternative question papers are required to be set as per the University regulation given as under:-

i). If the change in the Syllabi and Courses of Study is less than 25%, no alternative Question paper will be set.

ii). If the change is 25% and above but below 50% alternative Question Paper be set for one year.

iii). If the change is 50% and above on whole scheme is changed, alternative Question Paper are set for two years.

Sd/-
(DR. P.S. PATHANIA)
REGISTRAR
Syllabus for the examination to be held in the year 2011, 2012, 2013

Title: Diet Therapy and Community Nutrition

Objectives: To enable the students to understand the:
1) Basic Principles of diet therapy
2) Modifications of the normal diet for therapeutic purposes
3) Dietary Management of common disease conditions
4) Significance of dietary counseling
5) Common nutritional problems of the community and their prevention
6) Schemes, programme and policies of Govt. of India to combat malnutrition

Contents:

Unit-I
1.1 Concept of Diet Therapy. Normal diet as the basis of therapeutic diets. Liquid diets, soft diets, bland diets.
1.2 Etiology, Clinical features, symptoms, diet and nutritional management for:
   a) Intestinal disorders: Diarrhoea, Constipation, Ulcerative Collitis
      Malabsorption syndrome: Steatorrhea, Lactose Intolerance
   b) Peptic and duodenal ulcers
   c) Liver disorders: Jaundice and hepatitis

Unit-II
2.1 Nutrition and infection
2.2 Etiology, diet and nutritional management in:
   a) Fevers—short term and long term
   b) Food allergy
2.3 Nutritional care for weight management
   a) Obesity
   b) Underweight

Unit-III
Nutritional Care for chronic degenerative disorders
Etiology, Clinical features, symptoms, complications dietary and nutritional management for:
3.1 Common Metabolic Disorders:
   a) Diabetes Mellitus
   b) Hypothyroidism and hyperthyroidism
   c) Gout
3.2 Coronary heart diseases:
   a) Atherosclerosis
   b) Hypertension
3.3 Renal Diseases:
   a) Nephritis
   b) Nephrolithiasis
Concept and scope of community health and community nutrition:

4.1 Nutritional status. Methods of assessing nutritional status and their interpretation
a) Direct methods-Anthropometry, biochemical and clinical examination
b) Indirect methods- Dietary surveys

4.2 Morbidity and mortality patterns, vulnerable groups and factors contributing to malnutrition

UNIT-V

5.1 National Nutrition Policy and Programmes
a) Special Nutrition Programme(SNP), Applied Nutrition Programme(ANP), Mid-Day meals
   (ICDS).
b) Nutrient deficiency Control Programmes or prophylaxis programmes.
   Vitamin A deficiency, National Anemia Control Programme and Iodine deficiency disorder(IDD)

5.2 Role of National and International Agencies to combat malnutrition:
   WHO, FAO, UNICEF, CARE, NIN, NFI(Nutrition Foundation of India), FNB(Food & Nutrition
   Board), CFTRI,ICMR.

Note for paper setting:
The question paper will consist of two sections:

Section 1: (12×5=60)
Consist of 10 long answer question (2 from each unit with internal choice from within the
unit). Each question carries weightage of 12 marks. The candidate will have to attempt five
questions (at least one from each unit).

Section 2: (4×5=20)
Consist of 10 short answer question (2 from each unit). Each question carries weightage of 4
marks. The candidate will have to attempt any five questions.

References:

   W.B.Saraders Company, London.
   Delhi.
    Publishing, St.Louis.
Duration of Exam. 3 hrs

Recommended period: 2/week
M.Marks : 50
External Assessment : 25
Internal assessment : 25

1. Planning and preparation of modified diets.
   i) Fluid diet
   ii) Soft diet
   iii) Low fibre diet
   iv) High fibre diet
   v) Low caloric diet for obesity
   vi) High caloric and high protein diet for underweight
   vii) Bland diet for peptic ulcer
   viii) Diet for Jaundice
   ix) Diet for Diabetes (NIDDM)
   x) Diet for hypertension

2) Preparing low cost nutritious snacks for children
B.Sc.(III) Home Science

No. 314

Duration of Examination: 3 hours

Max. Marks : 100
Sessional examination: 80
Internal Assessment : 20

Syllabus for the examination to be held in the year 2011, 2012, 2013

Title: Extension Programme & Development Communication

Objectives:
1. To understand the concept of Development Communication
2. To evaluate the relevance, potential and use of various media as tools of development.

Contents:

Unit-I Concept of Development Communication
1.1 Definition, evolution-historical and cultural perspective
1.2 Nature, role and significance
1.3 Interrelation between development and development communication

Unit-II Models of Development Communication
2.1 Interdependent model
2.2 Dependency model
2.3 Basic needs model
2.4 New Paradigm of development

Unit-III Media in Development Communication
3.1 Understanding the role of traditional and modern media in Development Communication
3.2 Information technology-role in development communication
3.3 Use of various forms of educational communication - folk media, puppetry, exhibitions, theatre, posters, print media (newspaper, books, leaflets, IEC material) radio, television, cinema and video films.

Unit-IV Development Journalism
4.1 Concept of journalism and development-journalism, historical background, significance.
4.2 Issues for development journalism-health, nutrition, social issues, resource use, literacy, agriculture and environment
4.3 News reporting-What is news, news value, source of news, types of news reporting, qualities and responsibilities of news reporter.

Unit-V Writing for various media
5.1 Print media: Significance and scope
5.2 Types and reach of different print media
5.3 Analysis of mass media programme-print and electronic media
5.4 Scripting for traditional media for education & entertainment- street play, puppet shows.
Note for paper setting:

The question paper will consist of two sections:

Section 1: 

(12×5=60) 
Consist of 10 long answer question (2 from each unit with internal choice from within the unit). Each question carries weightage of 12 marks. The candidate will have to attempt five questions (at least one from each unit).

Section 2: 

(4×5=20) 
Consist of 10 short answer question (2 from each unit). Each question carries weightage of 4 marks. The candidate will have to attempt any five questions.

References:

PRACTICAL (C.No. 314)

Duration of Exam: 3 hrs

Recommended period: 2/week
M.Marks: 50
External Assessment: 25
Internal assessment: 25

1. Planning an intervention programme for the community
2. Dealing with issues in development communication through exhibitions, puppetry, nukkad natak
3. Implementation of the planned programme
4. Making of Social/Commercial advertisement for newspaper, radio and television
5. Evaluation of the implemented programme
Title: APPAREL AND TEXTILE DESIGN

Objectives:

1. To create awareness of design and its interpretation
2. To impart the knowledge of fashion and concepts related to fashion
3. To impart the knowledge of fashion marketing and production
4. To acquaint the students with economic aspect related to textiles
5. To familiarize the students with the textile heritage of India and world.

Contents:

Unit-I

Design and Fashion
1.1 Elements and Principles of design
1.2 Fashion terminology, sources of fashion
1.3 Factors favouring and retarding fashion
1.4 Fashion movement and cycles
1.5 Component of fashion: Silhouette, Fabric, colour, texture
1.6 Inspiration of fashion: Media, history, theatre and films

Unit-II

Fashion and Marketing
2.1 Definition of marketing, Fashion marketing and Fashion merchandising
2.2 Consumer demand and Fashion marketing
2.3 Fashion Promotion: Introduction, fashion promotion mix, fashion advertising and Personal setting

UNIT-III

Textile Economics
1.1 Importance of textile industry in the Indian Economy.
1.2 Problems in the textile industry.
1.3 Consumer problems and remedies.
1.4 Quality control, standardization and labelling
1.5 Importance of Quality Control and Research institutes.

Unit IV

Introduction to various Traditional Textiles of India (Origin, techniques employed, material, designs and colours incorporated and articles produced).
1 Dyed and printed textiles of India
   Bandhanis of Rajasthan and Gujrat, Kalamkari of Andhra Pradesh, Patola of Gujrat, Ikat of Orissa
2 Embroideries of India
   Phulkari of Punjab, Rumals of Himachal Pradesh, Ari and Needle work of Kashmir, Kantha of Bengal, Chikankari of Uttar Pradesh.
Woven textiles of Kashmir
a) Shawls (techniques and types): Jamawar, Kani, Dorukha
b) Carpets of Kashmir: Namdha and Gabha

4.4 Embroidered shawls: styles and pattern

Unit-V

Introduction to traditional textiles of World
(Origin, techniques employed, material, design and colours incorporated and articles produced).

5.1 History of Textiles
5.2 Non-Loom Textiles: netting, crochet, knitting, Braids, sprang, macramé, lace
5.3 Painted and Printed Textiles: Penwork, woodblock printing, stenciling.
5.4 Dyed textiles: Tie and dye, wax-resist textiles, Ikat

Note for paper setting:
The question paper will consist of two sections:

Section 1: (12 x 5 = 60)
Consist of 10 long answer question (2 from each unit with internal choice from within the unit). Each question carries weightage of 12 marks. The candidate will have to attempt five questions (at least one from each unit).

Section 2: (4 x 5 = 20)
Consist of 10 short answer question (2 from each unit). Each question carries weightage of 4 marks. The candidate will have to attempt any five questions.

References:

PRACTICAL [C.No. 312 (New)]

Duration of Exam. 3 hrs

Recommended period: 2/week
M.Marks : 50
External Assessment : 25
Internal assessment : 25

1. Collection of samples of various traditional embroideries.
2. Fabric painting, Stencil and spray painting-making of one article.
3. Designing and construction of one costume using traditional art.
4. Development of motif using different colour schemes.
5. Enlarging and reducing a pattern (at least 5).