Outlines of Tests, Syllabi & Courses of Reading for B.Sc. Fashion Designing, Examination, 2012

**Scheme of Studies**

<table>
<thead>
<tr>
<th>Year</th>
<th>Subject</th>
<th>Th.</th>
<th>Pr.</th>
<th>Paper/ Ext. Ass.</th>
<th>Int. Ass.</th>
<th>Total</th>
<th>Periods Per Week</th>
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<td>I</td>
<td>Basics of Design and Illustration Th.</td>
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**G.TOTAL**

|     | 2400 | 100 |

The students of B.A./B.Sc./B.Com. have also to study the subject of “Environment Education”. This is a compulsory qualifying paper which the students are required to qualify in the 1\textsuperscript{st}/2\textsuperscript{nd}/3\textsuperscript{rd} year of the course. The examination will be conducted by the University.
ENVIRONMENT EDUCATION

(25 Hrs. course)

1. **Environment Concept** :
   Introduction, concept of biosphere – lithosphere, hydrosphere, atmosphere; Natural resources – their need and types; Principles and scope of Ecology; concepts of ecosystem, population, community, biotic interactions, biomes, ecological succession.

2. **Atmosphere** :
   Parts of atmosphere, components of air; pollution, pollutants, their sources, permissible limits, risks and possible control measures.

3. **Hydrosphere** :
   Types of aquatic systems; Major sources (including ground water) and uses of water, problems of the hydrosphere, fresh water shortage; pollution and pollutants of water, permissible limits, risks and possible control measures.

4. **Lithosphere** :
   Earth crust, soil – a life support system, its texture, types, components, pollution and pollutants, reasons of soil erosion and possible control measures.

5. **Forests** :
   Concept of forests and plantations, types of vegetation and forests, factors governing vegetation, role of trees and forests in environment, various forestry programmes of the Govt. of India, Urban Forests, Chipko Andolan.

6. **Conservation of Environment** :
   The concepts of conservation and sustainable development, why to conserve, aims and objectives of conservation, policies of conservation; conservation of life support systems – soil, water, air, wildlife, forests.

7. **Management of Solid Waste** :
   Merits and demerits of different ways of solid waste management – open dumping, landfill, incineration, resource reduction, recycling and reuse, vermicomposting and vermiculture, organic farming.

8. **Indoor Environment** :
   Pollutants and contaminants of the in-house environment; problems of the environment linked to urban and rural lifestyles; possible adulterants of the food; uses and harms of plastics and polythene; hazardous chemicals, solvents and cosmetics.

9. **Global Environmental Issues** :
   Global concern, creation of UNEP; Conventions on climate change, Convention on biodiversity; Stratospheric ozone depletion, dangers associated and possible solutions.
10. Indian Laws on Environment:
Indian laws pertaining to Environmental protection: Environment (Protection) Act, 1986; General information about laws relating to control of air, water and noise pollution. What to do to seek redressal.

11. Biodiversity:
What is biodiversity, levels and types of biodiversity, importance of biodiversity, causes of its loss, how to check its loss; Hotspot zones of the world and India, Biodiversity Act, 2002.

12. Noise and Microbial Pollution:
Pollution due to noise and microbes and their effects.

13. Human Population and Environment:

14. Social Issues:
Environmental Ethics: Issues and possible solutions, problems related to lifestyle, sustainable development; Consumerisms and waste generation.

15. Local Environmental Issues:
Environmental problems in rural and urban areas. Problem of Congress Grass & other weeds, problems arising from the use of pesticides and weedicides, smoking etc.

Practicals:
Depending on the available facility in the college, a visit to vermicomposting units or any other such non-polluting eco-friendly site or planting/caring of vegetation/trees could be taken.

Note: Above 15 topics to be covered in 25 hour lectures in total, with 2 lectures in each topics from 2 to 11 and one each for the topics 1 and 12 to 15.

- Examination Pattern:
  Fifty multiple choice questions (with one correct and three incorrect alternatives and no marks deduction for wrong answer or un-attempted question)

- All questions compulsory i.e. no choice.

- Qualifying marks 33 per cent i.e. 17 marks out of 50.

- Total marks: 50.

- Duration of Examination: 60 minutes.

- Spread of questions: Minimum of 2 questions from each of the topics 1 and 12 to 15. Minimum of 4 questions from topics 2 to 11.
1. BASICS OF DESIGN AND ILLUSTRATION - Theory
2. BASICS OF DESIGN AND ILLUSTRATION- Practical
3. CONCEPT OF FASHION- Theory
4. TRADITIONAL TEXTILES- Theory
5. TRADITIONAL TEXTILES- Practical
6. BASIC COMPUTER SKILLS- Practical
7. GARMENT CONSTRUCTION-I- Theory
8. GARMENT CONSTRUCTION-I- Practical
9. TEXTILE SCIENCE- I -Theory
10. TEXTILE SCIENCE- I – Practical
11. FABRIC CONSTRUCTION- Theory
12. FABRIC CONSTRUCTION- Practical
13. PUNJABI (COMPULSORY)/HCP - Theory
BASICS OF DESIGN AND ILLUSTRATION

THEORY

OBJECTIVES:

• To help students to understand design fundamentals, elements and principles of design.
• To understand the fashion design concepts.
• To understand illustration techniques and colour theories.

Time: 3 pds/week Total Marks: 50
Exam: 40
Int. Ass.: 10
Time: 3 Hrs.

UNIT-I
1. Study and application of the following to fashion designing:
   • Design- definition and its types.
   • Elements of art line and its types, form, colour and its dimensions (hue, value, intensity), colour schemes and texture.

UNIT-II
2. Principles of design- harmony, proportion, balance rhythm, emphasis.
3. Optical illusions created through elements of art and principles of design.

UNIT-III

UNIT-IV
5. Fashion accessories- introduction and illustration of headgears, foot wears bows, ties, belts, handbags, gloves, jewellery.

Sessional work-
Sessional work will be based on above mentioned topics

Instructions for paper setters
1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
BASICS OF DESIGN AND ILLUSTRATION

PRACTICAL
OBJECTIVES:

- To enable students to have awareness and to gain knowledge of figure sketching and drawing human figures.
- To learn illustration techniques and various colour schemes.

Time: 2 Pds/week Total Marks: 50
Exam: 40
Int. Ass.: 10
Time: 3 hrs.

UNIT-I
1. Introduction to art media and its applications—different art media—pencils, erasers, colours—poster, fabric, water, pencil, oil pastels, charcoal pencils.
2. Free hand drawing and colour rendering of objects (one for each category)
   • Natural shapes and forms, landscapes.
   • Realistic and abstract patterns.
3. Colour preparation of colour wheel, tints, tones, shades, different colour schemes.
4. Fashion model drawing basic figure proportion (croqui, heads, ears, nose, legs, arms and hairstyles)
5. Figure drawing in S, X, T, Y poses.
6. Rendering of different textures: woven, woolen, knitted, satin, fur, leather, net, denim, Chikan, sheer.

Instructions for paper setters
1. There will be four questions in all.
2. Three questions will be set from Sr. No. 1 to 5 carrying 10 marks each.
3. One question will be set from Sr. No. 6 carrying 10 marks.

References:
Elizabeth Drudi, T. Pack, “Figure Drawing for Fashion”, The Pepin Press.
Abling Bina, “Fashion Sketch Book”
CONCEPT OF FASHION

THEORY

OBJECTIVES:
- To create awareness about clothing culture.
- To Impart knowledge of clothing communication and fashion expression.

Time: 3 pds/week  
Total Marks: 50
- Exam: 40
- Int. Ass.: 10
- Time: 3 hrs.

UNIT-I
2. Fashion terminology fashion, style, fad, classic, stereotype, boutique, croquis, fashion trends, haute couture, designer, prêt-a-porter, silhouette, Hi- fashion, mass fashion and knock-offs.

UNIT-II
3. Fashion definition, principles, components (silhouette, details, texture and colour).
4. Factors affecting fashion (social, economic, psychological)
5. Fashion cycle stages, broken fashion cycle and length of fashion cycles.
6. Fashion theories- trickle down, trickle across and bottom up theory.

UNIT-III
7. Social and psychological aspects of clothing.
8. Clothing requirement for different age groups.

UNIT-IV
9. National and International designers of 20\textsuperscript{th} and 21\textsuperscript{st} century- their profile, collection and contribution to fashion world.

Sessional work- Sessional work will be based on above mentioned topics

Instructions for paper setters
1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.

References:
- Carter L, “The changing World of Fashion,” G.P. Panama’s Sons, NY
- Horn MJ, “Second Skin”
- Kafgen Mary, Individuality in clothing, Houghton Mifflin Company
- Elaine stone, “Dynamics of Fashion”.
TRADITIONAL TEXTILES

THEORY

OBJECTIVES:
- To impart knowledge of traditional designs and motifs of textiles
- To introduce application of these motifs on different textiles.

Time: 3 pds/week                                Total Marks: 50
                        Exam: 40
                        Int. Ass. : 10
                        Time : 3 hrs.

UNIT-I

Traditional Textiles of India
1. Resist dyed textiles- bandhani, batik, patola, ikat, pochampalli.
2. Printed Textiles- Sanganeri
3. Painted textiles- Kalamkari

UNIT-II

4. Woven textiles- brocade, jamavar, jamdani, chanderi, maheshwari, kanjivaram, paithni, baluchari.

UNIT-III

6. Traditional embroideries of different regions of India- history, motifs, stitches, threads and colours of the following:-
   • Kantha
   • Chamba rumal
   • Phulkari
   • Kashida

UNIT-IV

7. Traditional embroideries of different regions of India- history, motifs, stitches, threads and colours of the following:-
   • Chikankari
   • Kasuti
   • Kutch
   • Sindhi
   • Manipuri

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question shall carry Eight marks. (8x5=40)
References:

Lynton Linda, “The Sari”, Thames and Hudson
Sumathi G.J., “Elements of Fashion and Apparel Design”, New Age Intl. Ltd. Publisher, N. Delhi
Pandit S. “Traditional Embroideries of India”.

TRADITIONAL TEXTILES

PRACTICAL
OBJECTIVES:
• To learn basic embroidery stitches
• To learn application of traditional motifs and designs on various textiles.

Time: 2 pds/week Total Marks: 50
Exam: 40
Int. Ass. : 10
Time : 3 hrs.

UNIT-I
1. Basic embroidery stitches- Running, stem, chain, back, open, chain, blanket, feather, herring bone, close herring bone, couching, lazy daisy, French knot, satin, long and short and Romanian.
2. Sample making of following traditional embroideries
   • Kantha
   • Chamba Rumal
   • Phulkari
   • Kashida
   • Chikankari
   • Kasuti
   • Kutch
   • Sindhi
   • Manipuri
   Preparation of an article using any one traditional embroidery.
   Workshop on adda embroidery and machine embroidery and making a sample of each.

Instructions for paper setters
1. There will be two questions in all.
2. One question will be set from Sr. No. 1 carrying 20 marks.
3. One question will be set from Sr. No. 2 carrying 20 marks.
References:
Lynton Linda, “The Sari”, Thames and Hudson
Sumathi G.J., “Elements of Fashion and Apparel Design”, New Age Intl. Ltd. Publisher, N. Delhi
Pandit S., “Traditional Embroideries of India”.

BASIC COMPUTER SKILLS

PRACTICAL
OBJECTIVES:
• To impart basic computer knowledge to students.
• To enable students to understand the rules of I.T. in automation, Fashion and apparels.

Time: 4 pds/week Total Marks: 100
Exam: 90
Int. Ass.: 10 (Att.-04+Int. Exam-6)
Time: 3 hrs.

I THEORETICAL BACKGROUND TO BE DONE IN PRACTICAL CLASSES
1. Introduction to computer data, processing and information, classification and evaluation of computers. Configurations of computers, Resolution factor, raster and vector data and image processing.
2. Computer hardware-central processing, main memory, secondary memory, I/O devices
3. Operation system (OS) Basic concepts of M-Dos/window 9XNT or system management.
4. Word processing, work sheet, basic data base, Business charts (Pie Line Bar etc.) operations and professional presentation formations.
5. Computer applications in various fields of Fashion industry, fashion communication through digital techniques, fashion photography, Latest scanners.

II PRACTICAL
1. Introduction to the computer operations- Hardware and software, Understanding OS and Basic system management, trouble shooting operations.
2. Word processing software, preparation, saving and printing of text documents.

Instructions for paper setters
1. There will be two questions in all from section-II only
2. One question will be set from Sr. No. 1 carrying 45 marks.
3. One question will be set from Sr. No. 2 carrying 45 marks
4. Each question can be sub-divided into parts according to the paper setter.

References:
Winfred Aldrick, “CAD in clothing and textiles”, Blackwell Science, 1994
GARMENT CONSTRUCTION-I

THEORY

OBJECTIVES:

- To impart knowledge of machines and tools used for sewing.
- To impart knowledge of drafting and its importance.
- To impart knowledge of different garment components.

Time: 3 pds/week

Total Marks: 50
Exam: 40
Int. Ass.: 10
Time: 3 hrs.

UNIT-I
1. Anthropometric measurements- definition, instruments, precautions, landmarks and recording body measurements.
2. Standardization and size charts.

UNIT-II
3. History and types of sewing machines
4. Different machine attachments
5. Sewing machine parts, maintenance, common problems and their remedies.
6. Tools and equipments used for clothing construction.

UNIT- III
7. Fabric preparation
8. Handling special fabrics
9. Suitability of different fabrics for different garments.
10. Knowledge of size of needles, threads and stitches according to the fabric.
11. Lining, inter lining, facing, interfacing

UNIT-IV
13. Different style of garments- skirts, trousers, blouses, one-piece dress and coats

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)
GARMENT CONSTRUCTION-I

PRACTICAL
OBJECTIVES:
- To learn various basic hand stitches and seams
- To acquire drafting skills for children’s garments.

Time: 4 pds/week

Total Marks: 100
Exam: 80
Int. Ass. : 20
Time : 3 hrs.

1. Making samples of:
   - Basic hand stitches- basting, back stitch, hemming visible/invisible, tailor’s tack.
   - Types of seams- plain run and fell, French, lapped, counter, mantua makers.
   - Types of seam finishes- overlock, hand overcast, turned and stitched, binding.
   - Fullness- types of darts, tucks, pleats, ruffles, frills and gathers.
   - Neckline finishes binding, facing
   - Plackets continuous, 2-piece
   - Zips and Fasteners
   - Pockets patch, in-seam, patch with pleat, patch with flap.

2. Drafting and construction-
   - Collars- Peterpan, sailor’s cape, shawl, mandarin, stand & fall.
   - Sleeves- puff, bell, cap, leg-o-mutton, Magyar, kimono, raglan
   - Yokes- straight, round, v-shape.

Instructions for paper setters
1. There will be three questions in all.
2. Two questions will be set from Sr. No. 1 carrying 20 marks each (2X20=40 marks)
3. One question will be set from Sr. No. 2 carrying 40 marks including drafting (10marks), cutting (10marks) and construction & finishing (20 Marks)

References:
- Readers digest sewing Book
- Armstrong Helen Joseph, “Pattern making for fashion designing”.
- Mullick Prem Lata, “Garment construction Skills”.
TEXTILE SCIENCE-I

THEORY

OBJECTIVES:

- To impart knowledge of fibers, sources of fibers and their properties.
- To provide students the knowledge of yarn science and yarn properties.

Time: 3 pds/week  Total Marks: 50
Exam: 40
Int. Ass.: 10
Time: 3 hrs.

UNIT-I

1. Introduction to textile fibers, classification of fibers based on source and origin.
2. Manufacturing and properties (Primary & Secondary) of various fibers, cotton, linen, jute, wool, silk, rayon, acetate and triacetate, polyamide (nylon 6, nylon6.6) acrylics, modacrylic, electrometric fibers.

UNIT-II

3. Different types of spinning mechanical spinning and chemical spinning.

UNIT-III


UNIT-IV

7. Introduction to textile industry
   A brief study of the different sections of the textile industry and its contribution to Indian economy.

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory, carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)

References:

TEXTILE SCIENCE-I

PRACTICAL
OBJECTIVES:
• To introduce students to various equipments used for testing fibers and yarns.
• To analyse fiber and yarn properties through various techniques.

Time: 2 pds/week          Total Marks: 50
                          Exam: 40
                          Int. Ass. : 10
                          Time : 3 hrs.

NOTE: Use simple methods only.
1. Fiber identification- Visual, burning, microscopic and solubility test.
2. Fiber blend analysis
3. Measurement and interpretation of yarn count, direct and indirect system.
4. Identification of type of yarn
5. Evaluation of thread count and dimensional stability of fabric
7. Evaluation of fabric weight in terms of GSM.

Instruction for paper setters
1. There will be four questions in all.
2. Four questions carrying 10 marks.

References:
FABRIC CONSTRUCTION

THEORY

OBJECTIVES:

- To impart knowledge of fabric manufacture and fabric properties.
- To enable students to understand fabric structures and to analyse them.

Time: 3 pds/week        Total Marks: 50
Exam : 40
Int. Ass. : 10
Time : 3 hrs.

UNIT-I

1. Parts of a simple loom and their function
2. Different types of looms-
   - Shuttle looms- pit & table
   - Shuttleless looms- Rapier, Gripper, Multiphas, Airjet, Waterjet
   - Jacquard and dobby.

UNIT-II

3. Preparation of warp and weft yarns for weaving.
4. Different types of warping.
5. Basic weaving concepts- basic motions of weaving-
   - Primary and secondary motions.

UNIT-III

6. Different methods of fabric formation-
   Weaving, Basic, figured & embroidered effect weaves.
7. Graphical representation of lift weaves with drafting and lifting plan.

UNIT-IV

8. Basics of Knitting
9. Other methods of fabric formation in detail-
   Felting, bonding , knotting, lace making and braiding.

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry Eight marks (8X5=40)

References:

FABRIC CONSTRUCTION

PRACTICAL OBJECTIVES:

- To identify various weaves.
- To acquire skills for various fabric construction techniques.

Time: 2 pds/week

<table>
<thead>
<tr>
<th>Marks Distribution</th>
<th>Total Marks: 50</th>
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</thead>
<tbody>
<tr>
<td>Exam:</td>
<td>40</td>
</tr>
<tr>
<td>Int. Ass. :</td>
<td>10</td>
</tr>
<tr>
<td>Time :</td>
<td>3 hrs.</td>
</tr>
</tbody>
</table>

1. Making of samples of different weaves- Macramé, lace making.
2. One article using any construction method.
3. Identification of weaves through graphical representation.
5. Visit to Textile Industry.

Instructions for paper setters

1. There will be three questions in all.
2. Two questions will be set from Sr. No. 1, carrying 15 marks each (15X2=30).
3. One question will be set from Sr. No. 3, carrying 10 marks (10X1=10).

References:

प्रश्नावली (डिसिम्बर)
वी.सी. अध्ययन सी. भाग परीक्षा 2012 के दिशितियत जटिली 
(वी.सी. अध्ययन सी. भाग के विषयावली के रूप में)

प्रश्नावली

1. आपूर्ति तंत्र विविधता एवं अभिव्यक्ति
2. गुड़िया बाजारीकरण एवं अभिव्यक्ति
3. मजबूत - सीमावर्ती एवं अभिव्यक्ति
4. दृष्टिकोण दिता प्रमाणों के आधार पर पूर्ण

वेक्टर

1. आपूर्ति संगठन - मंगल (मंगल) क्र. मुख्यमंत्री सिप्रा घुड़, प्रसारण विभाग, पूर्णार्थक विविधता, पूर्णार्थक विविधता, चंद्रेंदुरुप
2. दफ़न लचीला, (मंगल) क्र. पत्रादंबर देव, विषय विभाग, पूर्णार्थक विविधता, पूर्णार्थक विविधता, चंद्रेंदुरुप
3. मेहता सीमा राज (मेहता राज), दीवार मिश्र, माहू भानु बेंट हास, भूमि नरायण
4. 1, 2, 3 तथा 3 प्रमाणों के आधार पर पूर्ण दृष्टिकोण दिता प्रमाण

पूर्तित अध्ययन वी.सी.

1. (क्र) वार्षिक संगठन विविध प्रौद्योगिकी किताब किताब (क्र विविध प्रौद्योगिकी किताब विविध किताब)
2. बांटी - संगठन विविध किताब बांटी विविध तरीका देने में प्रभाव
3. मजबूत - सीमावर्ती प्रमाण विविध किताब बांटी विविध अवधारणा/वंचन देने में प्रभाव
4. पूर्ण पूर्ण के संयोग दृष्टिकोण (दृष्टिकोण देने दृष्टिकोण मजबूत विविध)

हेंड- पूर्ति पूर्ति करते: उत्तर के रूप, उत्तर के विविध प्रपर्ण, प्रयोग अध्ययन भवानी के उत्तर तथा संयोगिता नक्षत्र वी.सी. के पत्र नक्षत्र। दृष्टिकोण देने दृष्टिकोण मजबूत विविध
पेष्टक: थी

1. तेलवाला ला सीबर, तुलसी अर्द्र प्रवासी 5 अंक
2. तेल तुलसी 10 अंक
3. रेखा तुलसी 2+6=8 अंक
4. मनावल शेख ला अवलाह (अंतलेसी जो पैसाही) 5 अंक
5. मुशा औंज़ तेंदुर 5 अंक
6. बिजली पिंटु 4 अंक
7. विषयवस्तु 8 अंक

पुस्तिका अर्द्र बीमा

1. हिउपासु अंचल विस्तृत विस्तृत ला सीबर, तुलसी अर्द्र मनावल अवलाह (दे बकी अर्द्र दे बकी अवलाह तुलसी अर्द्र मनावल अवलाह)
2. तेल (500 सूचना विषय) चंदन अवलाह, मानव अवलाह, शराब अर्द्र पैसाही मनावल अवलाह (तथा विशेष विखय) 10 अंक
3. रेखा तुलसी (पैरी) 2+6=8 अंक
4. अंतलेसी जो पैसाही विशेष अवलाह (मनावल शेख दे बकी अवलाह 100 अंक)
5. मुशारा दिवा तेंदुर विखय (मनावल, मनावल अवलाह बेड़े दो गुण तथा संयोजन बाजार) 5 अंक
6. विजयवस्तु पिंटु 4 अंक
7. मुथू अवलाह, उलौव विखय 2+2=4 अंक
8. भूगर्भ अर्द्र अवलाह: (दे विस्तृत तुलसी अवलाह विशेष दि अवलाह मपण दे मर) 4 अंक

भूगर्भ धामनां:

1. पैसाही मंडल वेलस्ट्र आबाज़ा, वेन्य टाइट यूटीवालिटी टेमसट्ट ब्लू बेड़इंग, आगिज़ा
2. वेन्य पैसाही विषयवस्तु, आ. उलौव अवलाह अर्द्र विशेष विशेष विशेष अवलाह टेमसट्ट ब्लू बेड़इंग, आगिज़ा

हेतु: 1. टेमसट्ट बाज़ी उबड़े दे दे धीरेहु分化
2. वेन्य पैसाही 25-30 विशेष विशेष विशेष ला नाउए अर्द्र उबड़े दे नितं वेन धीरेहु分化
3. उबड़े दे 6+6 = 12 धीरेहु分化
HISTORY AND CULTURE OF PUNJAB

One Paper

General Instructions:

1. In all, nine questions will be set. Each question will carry 18 marks.
2. First question shall be Short Answer type containing 15 short questions spread over the whole syllabus. Candidates will attempt nine questions out of the fifteen questions in about 25 to 30 words each. Each short question will carry 1 mark, totalling $9 \times 2 = 18$ marks. The first question is compulsory.
3. Rest of the paper shall contain 4 units. Each unit shall have two essay type questions and the candidate shall attempt one question from each unit – 4 in all.
4. For private candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment. The paper setter must put note (4) in the question paper.

HISTORY AND CULTURE OF PUNJAB 1200-1849 A.D.

UNIT-I

1. Society in the Punjab during the Afghan rule.
2. The Punjab under the Great Mughals.

UNIT-II

4. Guru Nanak: His teachings; concept of Langar and Sangat.

UNIT-III

7. Martyrdom of Guru Tegh Bahadur; foundation of the Khalsa by Guru Gobind Singh.
8. Banda Bahadur and his achievements; Sikh Struggle for sovereignty from 1716 to 1765; role of Dal Khalsa, Rakhi, Gurmata and Misls.
9. Ranjit Singh’s rise to power; civil and military administrations; relations with the British.
UNIT-IV

10. Social change with special reference to the position of women.

11. New developments in language, literature, architecture in the Punjab during the Medieval Period.

12. Famous Folk tales of Medieval Punjab.

Suggested Readings:


   N.B. - The required detail and depth would conform to the treatment of the subject in the above survey. (This book will also form the basis of the short answer questions).


Note:­ The following categories of the students shall be entitled to take the option of History & Culture of Punjab in lieu of Punjabi as compulsory subject:

(a) That the students who have not studied Punjabi upto class 10th.
(b) Wards of/and Defence Personnel and Central Government employee/employees who are transferable on all India basis.
(b) Foreigners.
B.Sc. II

1. FASHION DESIGN ILLUSTRATION- Practical
2. HISTORY OF INDIAN COSTUMES- Theory
3. NEEDLE CRAFT- Practical
4. GARMENT CONSTRUCTION-II- Practical
5. PATTERN MAKING-I- Theory
6. PATTERN MAKING-I- Practical
7. KNITTING TECHNOLOGY- Theory
8. KNITTING TECHNOLOGY- Practical
9. TEXTILE SCIENCE-II- Theory
10. TEXTILE SCIENCE-II- Practical
11. ENGLISH
FASHION DESIGN ILLUSTRATION

PRACTICAL

OBJECTIVES:

- To enable students to gain knowledge of figure sketching and drawing.
- To gain knowledge of various fashion details.
- To acquaint students with knowledge of CAD based application in fashion designing.

Time: 4 pds/week

Total Marks: 100
Exam: 80
Int. Ass.: 20
Time: 3 hrs.

Instructions for paper setters.

1. There will be two questions in all.
2. One question will be set from Sr. No. 1, carrying 40 marks.
3. One question will be set from Sr. No. 2, carrying 40 marks.
4. Each question can be sub-divided into parts according to the question

1. FLAT SKETCHING AND FIGURE DRAWING
   - Sketching of various fashion details- Necklines, collars, sleeves, cuffs, pockets, frills, flounces, bows, tops, skirts, trousers and silhouettes.
   - Sketching of accessories.
   - Rendering texture of fabrics in dresses- lace, leather, fur, datin, denim, wool and knitted.
   - Designing of casual and formal wear for children and women (3 each).

2. CAD
   - Croqui drawing
   - Drawing of various fashion details.
     Collar-flat, stand, rolled (two for each type)
     Sleeve- set in sleeves, sleeves combined with bodice (two for each type)
     Pockets- patch, inseam (two for each type)
     Skirts- flared, gathered, gored, pegged, tiered and skirt with yokes.
     Silhouette- Tubular, bell and bouffant.
     Trousers (any two)
   - Designing of casual and formal wear for children and women (one each)

References:
- Elizabeth Drudi, “Figure Drawing for fashion design”, the pepin press
- Ritu, “Fashion Design and illustrations”, Indica publishers
HISTORY OF INDIAN COSTUMES

THEORY

OBJECTIVES:

- To acquaint the students with different types of Indian costumes.

Time: 3 pds/week

Total Marks: 50
Exam : 40
Int. Ass. : 10
Time : 3 hrs.

STUDY OF INDIAN COSTUMES DURING FOLLOWING PERIODS:

UNIT-I

1. Indus valley Period
2. Vedic Period.

UNIT-II

3. Mauryan and Sunga Period
4. Satvahana Period
5. Kushan Period
6. Gupta Period

UNIT-III

7. Mughal Period
8. British Period

UNIT-IV

9. Costumes of different states of India

NOTE: - Screening of period Film
- Visit to museums.

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)

References:

- Bina Abling, “Costumes”.

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NEEDLE CRAFT

PRACTICAL

OBJECTIVES:

- To enable students to learn methods of surface ornamentation of fabric using different techniques to produce value added products.
- To enable students to develop practical skills in needle craft techniques.

Time: 4 pds/week       Total Marks:  100
Exam:     80
Int. Ass. :   20
Time :     3 hrs.

Preparation of samples with the following techniques: -
1. Patch work and quilting: Introduction, tools, material and techniques.
2. Applique: Introduction, tools, material and techniques.
3. Crochet- Introduction, tools, material, techniques and types- single, double.
4. Machine Embroidery, cut work, glass work and drawn thread work.
5. Special techniques- smocking, ribbon work, beads and sequins work.

PROJECT

- Develop one product based on anyone technique of needle craft.
- Develop one product based on Knitting/ crocheting.

Instructions to paper setters.

1. There will be three questions in all.
2. One question will be set from Sr. No. 1 & 2, carrying 25 marks.
3. One question will be set from Sr. No. 3 & 4, carrying 25 marks.
4. One question will be set from Sr. No. 5, carrying 30 marks.

References:

- Pandi S., “Embroideries of India”.
PRACTICAL

OBJECTIVES:

- To acquire construction skills for basic garments for children and adult women.

Time: 4 Pds/week Total Marks: 100
Exam: 80
Int. Ass. : 20
Time : 3 hrs.

1. Drafting and construction of:
   - Frock with gathers, puff sleeve and baby collar.
   - Romper with patch pocket.
   - Night suit (Bushirt and Pyjama with inseam pocket)
   - Kalidar Kurta
   - Churidaar
   - Salwaar & Kameez
   - Plain blouse
   - Panelled Skirt

Instructions for paper setters

1. There will be one question drafting (15 marks) cutting (10 marks) and construction & finishing (55 marks) of any one garment.

Reference:
- Thomas Anna Jacob, “The Art of Sewing” UBS Publishers Distributions Ltd, New Delhi, 1994
- Readers Digest-Sewing Book
- Armstrong Helen Joseph, “Pattern making for Fashion Designing”.
PATTERN MAKING- I

THEORY

OBJECTIVES:

- To teach different aspects of Pattern Making.

Time: 3 Pds/Wk

<table>
<thead>
<tr>
<th></th>
<th>Total marks: 50</th>
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<tbody>
<tr>
<td>Exam</td>
<td>40</td>
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<tr>
<td>Int. Ass</td>
<td>10</td>
</tr>
<tr>
<td>Time</td>
<td>3 hrs.</td>
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</tbody>
</table>

UNIT-I

1. Terminology used in Pattern making: Pattern drafting, flat pattern making, template working pattern, production pattern, design specification sheet, pattern chart, cost-sheet, grain, dart, dart legs, dart intake, trueing and blending, plumb line, vertical lines, horizontal lines, perpendicular lines, symmetric and asymmetric lines, style number, pattern size. Pivotal point and pattern manipulation, style reading pattern making tools.

UNIT-II

2. Fitting- principles of good fit, various fitting problems and its remedies

UNIT-III

3. Methods of Pattern Development

   - Drafting
   - Flat Pattern Method, Slash and Spread, Pivot Method

   Basics of Commercial paper pattern

   - Pattern Envelope
   - Pattern Marking
   - Pattern Layout

UNIT-IV

4. Fabric estimation and its importance
   Different types of pattern layout
   Handling special fabrics.

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)
PATTERN MAKING - I

PRACTICAL

TIME: 4 Pds/wk  Total Marks: 100
          Practical: 80
          Int. Ass: 20
          Time: 3 hrs.

1) Drafting of adult bodice block and sleeve block
2) Developing of patterns for
   • Collars- Peter pan, sailor’s cape, shawl, mandarin, stand & fall, convertible and roll.
   • Sleeves set in (pull, bell, cap, leg-o-mutton, lantern, tulip) extension of bodice
     (Magyar and kimono) part of bodice (raglan and saddle).
   • Yokes straight round, V shape, in seam, torso yoke, simulated yoke
3) Dart manipulation- single dart, multiple dart, princess line yokes, fullness (gathers, pleats
   and tucks) contouring, pattern (wrap, off shoulder, halter)

Instructions for Paper setters.

• There will be three questions in all
• One question will be set from Sr. No. 1 & 2 carrying 50 marks.
• One question will be set from Sr. No 3 carrying 30 marks.

Reference:

- Armstrong Joseph Helen, “Pattern Making for Fashion Design”.
KNITTING TECHNOLOGY

THEORY

OBJECTIVES:

- To impart knowledge about knitting technology
- To enable students to develop practical skills of knitting

Time: 3 Pds/wk

Total marks: 50
Exam: 40
Int. Ass: 10
Time: 3 hrs.

UNIT-I

1) Introduction to Knitting Technology
2) Terms used in knitting.
3) Difference between Knits and Woven.

UNIT-II

4) Hand and machine Knitting.
5) Indian Knitting industry-past, present and future.

UNIT-III

6) Introducing Warp and weft knitting
7) Weft knit stitches-single jersey, rib, purl, interlock, float and tuck stitches
8) Warp knit stitches-underlap, closedlap, openlap,. Tricot, Milanese, Rachel knit.
9) Comparison of warp and weft knitting, defects.
10) Knitted fabric defects

UNIT-IV

11) Knitting machines-weft and warp Knitting machines, flat bed & circular
* Different types of knitting machine needles and their working.
(Assignment and Presentation)
- Collection of knitted swatches
- Presentation on knit stitches

Instructions for Paper setters.

- There will be eight questions carrying equal marks.
- Five questions will be attempted in all. Question no 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
- Each question will carry eight marks (8 X 5 =40)
KNITTING TECHNOLOGY

PRACTICAL

TIME: 2 Pds/wk  Total marks:  50
Exam:     40
Int. Ass: 10
Time : 3 hrs.

1. Knitting- Introduction terminology, hand knitting tools, material, techniques, basic textures, ribs, laces, cables, multi-colored knitting.
2. Preparation of knitting samples- single jersey, rib, purl and interlock, float, tuck stitches.

Instructions for Paper setters.

• There will be two questions of knitting samples in all carrying 20 marks each.
• Sample size should be specified.

Reference:

- Prof. Ajgaonkar D.V,”Knitting Technology”’ Univeristy Publishing Co. Mumbai
- Brackenbury Terry, “Knitting Clothing Technology”’ Black well Science, UK

TEXTILE SCIENCE-II

THEORY

OBJECTIVES:

• To acquaint students with different types of printing and dyeing techniques.

Time: 3 Pds/wk  Total marks:  50
Exam:     40
Int. Ass: 10
Time : 3 hrs.

UNIT-I

1. Classification of dyes
   o Stages of dyeing and methods of dyeing and machinery used for dyeing.
   o Auxiliaries.

UNIT-II

2. - Colour fastness
   - Dyeing defects.

UNIT-III

3. Fabric finishing
   - Preparatory processes (singeing, desizing, scouring, bleaching, heat-setting).
   - Routine finishes-beetling, calendaring, carbonization, permanent setting mercerization, sizing, softening, anti-shrink, weighting, milling
- Special purpose finishes—flame proof and retardant, water proof/repellent, durable press moth proofing, soil repellent, anti static.

**UNIT-IV**

4. Techniques of decorative dyeing.
   - Styles and methods of printing

**Instructions for paper setters**

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8x5=40)

**TEXTILE SCIENCE-II**

**PRACTICAL OBJECTIVES:**

- To enable students to develop practical skills of printing and dyeing

**Time** 2 Pds/wk  
**Total marks:** 50  
**Exam:** 40  
**Int. Ass:** 10  
**Time:** 3 hrs.

1. Dyeing of cellulosics with different classes of dyes—direct, reactive and azoic  
2. Dyeing of wool and silk with acid and basic dyes  
3. Printing (using pigment binder) block printing, screen printing and stencil printing  
4. Preparation of articles using these techniques

**Instructions for Paper setters.**

- There will be two questions in all.  
- One question will be set from Sr.No. 1 & 2 carrying 20 marks  
- One question will be set from Sr.No 3 carrying 20 marks.

**References:**

ENGLISH

Time: 3 Hours
Theory: 90 Marks
Internal Ass: 10 Marks
Max.Marks: 100 Marks

Book Prescribed: Colours of Expression by Harbhajan Singh published by Publication Bureau Punjab University, Chandigarh.

SECTION-A

1. Story 15 marks
   One essay type question on Summary/Character/Incident (one out of two with internal choice)

2. Prose: 15 marks
   Long essay type question on Summary/Theme (one out of two with internal choice)

3. Poetry. 15 marks
   Summary (one out of two with internal choice) 05 marks
   Central idea (one out of two with internal choice) 05 marks
   Reference to the Context (one out of two with internal choice) 05 marks

SECTION-B

4. Word formation from Prose and Stories and their use in sentences (5 out of 8) 10 marks

5. Use of textual words and idioms in sentences (5 out of 8) 05 marks

6. Translation from English to MLL 10 marks
   OR
   FOR FOREIGN STUDENTS
   (Paraphrase of Poetry passage)

7. Official, Business and letters to the Editor 10 marks

8. Transformation of all types (10 out of 10) 10 marks

Note: Minimum six periods a week for the study of the subject for composition, there should be groups of 25-30 students.
B. Sc. -III

COURSE TITLES

1. MARKETING AND MERCHANDISING- Theory
2. MARKETING AND MERCHANDISING- Practical
3. PATTERN AND MARKER MAKING ON COMPUTER- Practical
4. PATTERN MAKING-II- Practical
5. APPAREL MANUFACTURING TECHNOLOGY- Theory
6. HISTORY OF WORLD COSTUMES- Theory
7. LINE DEVELOPMENT- Practical
8. GARMENT CONSTRUCTION-III- Practical
9. INTERNSHIP
MARKETING AND MERCHANDISING

THEORY

OBJECTIVES:

To acquaint students with knowledge of marketing and its environment
To make them understand the importance of fashion forecasting.

Objectives

Time 3 Pds/wk Total marks: 50
Exam: 40
Int. Ass: 10
Time : 3 hrs.

UNIT-I

1. Marketing terminology: marketing, market, niche, target customer, vendor, supplier, franchise, market research, sales.
2. Fashion market.
3. Introduction to marketing environment (macro and micro),
   • The company’s Micro environment
     → Supplier, Marketing intermediates, Customers, competitions
     → The company Macro environment Demographic, natural, political.

UNIT-II

4. Sales promotion techniques- Advertising, Personal selling & direct marketing.
5. Retailing, Techniques of Retailing.
6. Role of fashion buyer, buying cycle, effect of fashion cycle.

UNIT-III

7. Fashion forecasting- introduction
8. Merchandising- introduction, role of merchandiser, types of merchandising.
9. Export documentation- export marketing, global scenario.

UNIT-IV

10. Export and import policies.
11. Prospects of Indian apparel in overseas market.

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)
MARKETING AND MERCHANDISING

PROJECT (Not exam based)

OBJECTIVES:

- To acquire knowledge about various brands of apparel and accessories
- To gain knowledge about various display materials and installations and different kinds of storage displays

Time 2 Pds/wk  Total marks: 50

1. Survey on famous brands available in market for men, women and children ( 10 marks )
2. Sourcing of fabrics, fasteners and trims ( 10 marks)
3. Various display material and installations ( 10 marks )
4. Layout design and illustration for different kinds of store display ( 10 marks )
5. Thematic window display for a specific store or boutique ( 10 marks )

Note: The assessment of the project will be done internally.

References

- Jeannette Jarnow, Dickerson,” Inside the Fashion Business’ Prentice Hall, USA
PATTERN AND MARKER MAKING ON COMPUTER

PRACTICAL OBJECTIVES:

- To apply the knowledge of pattern making software for making patterns and grading.

Time: 4 pds/wk

Total Marks: 100
Exam: 80
Int. Ass: 20
Time : 3 hrs.

Sloper development for bodice-block with basic sleeve block, trouser, shirt, one piece dress, overcoat, manipulation of single dart series, seams and seams allowances.
- Basic principles of marker making on computer (cutting and layout).
- Cross marking and notching
- Manipulating grain line
- Grading
- Practice exercise.

Instructions for paper setters.

- There will be two questions in all each carrying 40 marks.
- Each question can be sub-divided into parts according to the paper setters.

References:


PATTERN MAKING-II

PRACTICAL OBJECTIVES:

- To impart draping and grading skills to the students.

Time: 4 pds/wk

Total marks: 100
Exam: 80
Int. Ass. : 20
Time : 3 hrs.

1. Drafting of basic skirt block and trouser.
2. Preparation of patterns (drafting method) of different types of skirts: A-line, Godet, Full circular, Pegged.
3. Preparation of commercial paper pattern of basic skirts and trouser.
4. Draping of basic bodice block-Front and Back.
5. Draping of basic skirt block- Front and Back.
6. Draping of top with princess line and cowl neck.
7. Draping of skirt with flare and skirt with cowl.
8. Grading of :
   - Basic bodice and sleeve block.
   - Basic skirt
   - Trousers.
Instructions for paper setters.
1. There will be three questions in all each.
2. One question will be set from Sr. No. 1 to 3 carrying 30 marks.
3. One question will be set from Sr. No. 4 to 7 carrying 30 marks.
4. One question will be set from Sr. No. 8 carrying 20 marks.

References:

APPAREL MANUFACTURING TECHNOLOGY

THEORY

OBJECTIVES:
- To acquaint students with various machines used in apparel industry.
- To impart quality consciousness and awareness of quality parameter required for apparel quality products.

Time: 3pds/wk

Total Marks: 50
Exam: 40
Int. Ass: 10
Time: 3 hrs.

UNIT-I
1. Introduction to entrepreneurship development- steps in setting up an enterprise.
2. Work flow and brief study of various departments of apparel manufacturing unit.

UNIT-II
3. Introduction to quality control- Definition of quality, importance of quality assurance, stages of quality control in apparel industry.
4. Garment inspection using different methods.
5. Applying quality assurance programmers in fabric department, cutting department, production and finishing department.

UNIT-III
6. Packaging - Importance and various materials used for packaging.
7. Care labels, care labeling systems, Eco labeling

UNIT-IV
8. Different types of Industrial sewing machines, and their uses.
9. Special purpose machines.
Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8x5=40)

References:
- Ruth EC, “Apparel manufacturing and Sewn product analysis”.

HISTORY OF WORLD COSTUMES

THEORY

OBJECTIVES:
- To acquaint the students with different types of world costumes of different periods.

Time: 3pds/wk

<table>
<thead>
<tr>
<th>Component</th>
<th>Marks</th>
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<tbody>
<tr>
<td>Exam</td>
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<tr>
<td>Int. Ass</td>
<td>10</td>
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<tr>
<td>Total Marks</td>
<td>50</td>
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</tbody>
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Time : 3 hrs.

Study of world costumes during following periods:

UNIT-I
1. Egyptian
2. Greek and Crete

UNIT-II
3. Assyrian
4. Persian and Babylonian costumes.

UNIT-III
5. Roman
6. Byzantine

UNIT-IV
7. French-Middle Ages, Renaissance, French revolution, Romantic period.

NOTE: For Assignment & Presentation
- Presentation- adapting period costumes to contemporary use.
- Screening of period film.
- A visit to museums.
Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)

References:
- Bina Abling, “costumes”
- The Pepin Press, “Renaissance”.

LINE DEVELOPMENT

PRACTICAL OBJECTIVES:
- To make students understand the importance of portfolios.
- To impart skills of portfolio presentation.

Time: 8 pds/wk       Total Marks- 200
Internal-        150
External-         50

- Study of fashion forecast
- Conceptualization of theme, mood board, designing, fabric sourcing, pattern development, construction and show casing

Note:
The assessment of the line development will be done by an Internal and External Jury 150 marks for the Internal Jury. The internal Jury will judge all the steps of the design process as shown below: -

Marks for: -
- Moodboard; theme                                          10 marks
- Philosophy; Story board                                    10 Marks
- Concept board; work sheets; spec sheets                    20 marks
- Sourcing                                                   10 marks
- Fabric Development                                         20 marks
- Illustrations                                              20 marks
- Proto type                                                 20 marks
- Collection                                                 40 marks

► 50 marks for External Jury. Students will present their creations on their models. The jury members will judge the presentation.
► A fashion show may be held for the audience later. This will not carry any marks.
GARMENT CONSTRUCTION-III

PRACTICAL

OBJECTIVE:

- To understand and apply the knowledge of advanced garment construction techniques.

Time: 4 pds/wk

Total marks- 100

Exam: 80

Int. Ass.: 20

Time : 3 hrs.

1. Drafting and construction of:
   - Shorts
   - Nighty and gown
   - Circular skirt
   - Top with dart manipulation
   - Choli blouse
   - Trousers for ladies
   - Formal shirt for ladies (with collars and cuffs)
   - Jackets

Instructions for paper setters

There will be one question drafting (15 marks) cutting (10 marks) and construction & finishing (55 marks) of any one garment.

References:

- Readers digest- Sewing Book
- Armstrong Helen Joseph, “Pattern Making for Fashion designing”.
- Mullick Prem Lata, “Garment Construction Skills”.

INTERNSHIP

TOTAL MARKS-100

Each candidate has to compulsory undergo an industrial apprenticeship in any one of the garment industry or Research and Development institute or any organization for a period of 4 weeks. After completion of the internship, the student has to submit the project report and certificate from the concerned industry to the teacher.

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