

CMJ UNIVERSITY
SHILLONG, MEGHALAYA.
Recognized by UGC

DETAILED SYLLABUS

Under Graduate Degree Programs

B.SC.
(AYURVEDA)

(YEARLY SYSTEM)

COURSE TITLE : B.SC. (AYURVEDA)
DURATION : 3 Years
TOTAL DEGREE MARKS : 3000

FIRST YEAR

<i>COURSE TITLE</i>	<i>Paper Code</i>	MARKS		
		THEORY	PRACTICAL	TOTAL
HISTORY OF AYURVEDA	BSCA-110	100	00	100
PADARTA VIGYANA-PHILOSOPHY OF AYURVEDA	BSCA-120	100	50	100
HUMAN ANATOMY	BSCA-130	100	00	100
PHILOSOPHY	BSCA-140	100	00	100
DHATU	BSCA-210	100	00	100
SROTAS	BSCA-220	100	00	100
DRWYAM & VEGAS	BSCA-230 BSCA-230P	50	50	100
DOSHA DHATU, MALA VIGYANA	BSCA-240 BSCA-240P	50	50	100

SECOND YEAR

<i>COURSE TITLE</i>	<i>Paper Code</i>	MARKS		
		THEORY	PRACTICAL	TOTAL
DRAVYAGNA & BHESAJA, AYURVEDIC HERBS & PHARMACOLOGY	BSCA-310 BSCA-310P	50	50	100
VIKRUTI VIGYANA, NIDHANA & SAMPRAPTI, ATEIOLOGY & PATHOGENESIS	BSCA-320 BSCA-320P	50	50	100
DRAVYAGNA VIGYANA & BHESAJA KALPANA	BSCA-330 BSCA-330P	50	50	100
TRI STAMBA	BSCA-340 BSCA-340P	50	50	100
CHIKITSA (METHODS OF TREATMENT)	BSCA-410 BSCA-410P	50	50	100
SHODHANA & CHIKITSA-PANCHAKARMA THERAPY	BSCA-420 BSCA-420P	50	50	100
DIAGNOSIS	BSCA-430 BSCA-430P	50	50	100
NIDHANA CHIKITSA (PATHOLOGY AND PATHOPHYSIOLOGY)	BSCA-440 BSCA-440P	50	50	100

THIRD YEAR

<i>COURSE TITLE</i>	<i>Paper Code</i>	MARKS		
		THEORY	PRACTICAL	TOTAL
PRINCIPLES OF AYURVEDIC MANAGEMENT	BSCA-510	100	00	100
PANCHKARMA	BSCA-520 BSCA-520P	50	50	100
PANCHKARMA-II	BSCA-530	100	00	100
PHARMACOLOGY	BSCA-540 BSCA-540P	50	50	100
YOGIC PURIFICATIONS	BSCA-610 BSCA-610P	50	50	100
CLINICAL PRACTICE	BSCA-620 BSCA-620P	50	50	100
AYURVEDA AND ITS SPIRITUAL ENERGETICS	BSCA-630	100	00	100
PROJECT	BSCA-640P	00	100	100

Note:

Theory Paper : 30% Continuous Internal Assessment and 70 % University examination.

Practical Paper: 30 % Continuous Internal Assessment and 70 % University examination.

Continuous Internal Assessment:

- 1) Two or three tests out of which minimum two will be considered for Assessment **60% of Continuous Internal Assessment**
- 2) Seminars/Assignments/Quizzes **30% of Continuous Internal Assessment**
- 3) Attendance, class participation and behavior **10% of Continuous Internal Assessment**

FIRST YEAR

BSCA-110

HISTORY OF AYURVEDA

Maximum Time : 3 Hrs.

University Examination : 70 Marks

Total Marks : 100

Continuous Internal Assessment : 30 Marks

Minimum Pass Marks : 40%

A) Instructions for paper-setter

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

1. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

SECTION A

History of Ayurveda. History of Barata (Indian Philosophy) and Vedic period.

SECTION B

Understanding the ancient scriptures and references to classical texts.

SECTION C

The medical ethics as an Ayurvedic medical student and as an Ayurvedic physician.

BSCA-120**PADARTA VIGYANA-PHILOSOPY OF AYURVEDA****Maximum Time : 3 Hrs.****University Examination : 70 Marks****Total Marks : 100****Continuous Internal Assessment : 30 Marks****Minimum Pass Marks : 40%****A) Instructions for paper-setter**

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

1. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

Sankhya Philosophy

BSCA-130**HUMAN ANATOMY****Maximum Time : 3 Hrs.****University Examination : 70 Marks****Total Marks : 100****Continuous Internal Assessment : 30 Marks****Minimum Pass Marks : 40%****A) Instructions for paper-setter**

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

1. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS**SECTION A**

Skeleton Structures of Bone, Vertebral Column, Upper Extremity, Lower Extremity, superior extremity, inferior extremity

SECTION B

ossification centers, bone of upper limb, radius and uina, surface marker of thorax abdomen, head and neck.

BSCA-140

PHYSIOLOGY

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment : 15 Marks
Minimum Pass Marks : 40%

A) Instructions for paper-setter

4. The question paper will consist five sections namely A, B, C, D and E.
5. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
6. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

3. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
4. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

SECTION A

General information:- The cell, membrane potential, some common terms used in physiology.

Blood:- Red blood corpuscles, hemoglobin, the leucocytes, immunity, origin and function of lymphocytes, reticule endothelial system, the platelets, homeostasis, coagulation of blood, the plasma proteins, blood groups.

SECTION B

Digestive system:- introduction to digestive system. Elementary functional anatomical considerations, the salivary glands, the stomach and its secretion, pancreas, the bile, the small intestine, movement of the alimeniary tract, gastrointestinal hormones, apud cells.

Respiratory system:- functional anatomy, ventilation, control of ventilation, exchange of gases between the alveoli and pulmonary capillary blood, carriage of O_2 and CO_2 by the blood and their exchange at the tissue level, applied and environment physiology.iung defense mechanism. changes with age.

BSCA-140P

PHYSIOLOGY

Maximum Time : 3 Hrs. University Examination : 70 Marks
Total Marks : 100 Continuous Internal Assessment : 30 Marks
Minimum Pass Marks : 40%

The laboratory course will comprise of exercises on what is learnt in the theory classes of the same course i.e. BSCA-140

BSCA-210

DHATU

Maximum Time : 3 Hrs. University Examination : 70 Marks
Total Marks : 100 Continuous Internal Assessment : 30 Marks
Minimum Pass Marks : 40%

A) Instructions for paper-setter

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

1. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

SECTION A

Seven dhatus -concept of subtle tissues, upadhatus (secondary tissues) and kittas (tissue wastes)

SECTION B

Signs of increase and decrease of dhatus

SECTION C

Body types based on dhatus.

BSCA-220

SROTAS

Maximum Time : 3 Hrs. University Examination : 70 Marks
Total Marks : 100 Continuous Internal Assessment : 30 Marks
Minimum Pass Marks : 40%

A) Instructions for paper-setter

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

1. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

SECTION A

Origin, sites, functions, signs of Imbalance

SECTION B

Abhyanga -Ayurvedic massage

The procedure, the oils, and other simple preparations

SECTION C

Nasya -Ayurvedic purification and rejuvenation of supraclavicular region with nasal medication

SECTION D

Three malas -the biochemical impurities

Functions and signs of mala imbalance

BSCA-230

DRAVYAM & VEGAS

Maximum Time : 3 Hrs.

University Examination : 35 Marks

Total Marks : 50

Continuous Internal Assessment : 15 Marks

Minimum Pass Marks : 40%

A) Instructions for paper-setter

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

1. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

SECTION A

Dravyam -three types of substances -aaharam (food), aushadham (medicine) and visham (poison)
Vegas -natural urges * Signs of suppression

SECTION B

Dhaaraneeya Vegas -the mental urges to be controlled

SECTION C

Dina and Rtu charyas -daily and seasonal routines
Physiology and pathology during season.

BSCA-230

DRAVYAM & VEGAS

Maximum Time : 3 Hrs.

University Examination : 35 Marks

Total Marks : 50

Continuous Internal Assessment : 15 Marks

Minimum Pass Marks : 40%

The laboratory course will comprise of exercises on what is learnt in the theory classes of the same course i.e. BSCA-230

BSCA-240

DOSHA, DATU, MALA VIGYANA

Maximum Time : 3 Hrs.
Total Marks : 50
Minimum Pass Marks : 40%

University Examination : 35 Marks
Continuous Internal Assessment : 15 Marks

A) Instructions for paper-setter

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

1. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

SECTION A

The Tri-dosha concept and its relevance to the foundation of Ayurveda.

SECTION B

The tri-dosha concept and the difference between 'vikruti' and 'prakruti' the balanced and unbalanced state.

SECTION C

The function and formation of dosha, dhatu and mala.

SECTION D

Function of 'agni' (metabolic heat) and formation of 'ama' or toxins in the body.

BSCA-240P

DOSHA, DATU, MALA VIGYANA

Maximum Time : 3 Hrs.
Total Marks : 50
Minimum Pass Marks : 40%

University Examination : 35 Marks
Continuous Internal Assessment : 15 Marks

The laboratory course will comprise of exercises on what is learnt in the theory classes of the same course i.e. BSCA-150

SECOND YEAR

BSCA-310 DHRAVYAGNA & BHESAJA, KALPANA, AYURVEDIC HERBS & PHARMACOLOGY

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment : 15 Marks
Minimum Pass Marks : 40%

A) Instructions for paper-setter

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

1. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

SECTION A

Ayurvedic herbs (ahara-food & Dravya-drugs) and specific actions on the body.

SECTION B

How to use Ayurvedic preparations for doshic imbalance.

SECTION C

To learn the essential Ayurvedic herbs, herbal formulas & preparations.

BSCA-310P DHRAVYAGNA & BHESAJA, KALPANA, AYURVEDIC HERBS & PHARMACOLOGY

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment : 15 Marks
Minimum Pass Marks : 40%

The laboratory course will comprise of exercises on what is learnt in the theory classes of the same course i.e. BSCA-310

BSCA-320

**VIKRUTI VIGYANA, NIDHANA & SAMPRAPTI,
ATILOGY & PATHOGENESIS**

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment : 15 Marks
Minimum Pass Marks : 40%

A) Instructions for paper-setter

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

3. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
4. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

SECTION A

Observation of the patient and the disorder (Roga-Rogi Pariksha).

SECTION B

Using the Nidhana Panchak (pathogenesis pathway).

SECTION C

Identification of disorders and the stage of the disorder.

SECTION D

To be able to identify what kind of imbalance causes which type of disorder.

To understand vata, pitta and kapha dosha and give correct dietary and lifestyle advice to correct doshic imbalance

BSCA-320P

**VIKRUTI VIGYANA, NIDHANA & SAMPRAPTI,
ATILOGY & PATHOGENESIS**

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment : 15 Marks
Minimum Pass Marks : 40%

The laboratory course will comprise of exercises on what is learnt in the theory classes of the same course i.e. BSCA-320

BSCA-330**DRAVYAGNA VIGYANA & BHESAJA KALPANA**

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment : 15 Marks
Minimum Pass Marks : 40%

A) Instructions for paper-setter

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

5. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
6. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS**SECTION A**

Prepare simple Ayurvedic preparations.

SECTION B

Identify Ayurvedic herbs and herbal preparations.

SECTION C

Have correct understanding of dispensing Ayurvedic medicine for main imbalances of vata, pitta and kapha.

BSCA-330P**DRAVYAGNA VIGYANA & BHESAJA KALPANA**

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment : 15 Marks
Minimum Pass Marks : 40%

The laboratory course will comprise of exercises on what is learnt in the theory classes of the same course i.e. BSCA-330

BSCA-340**TRISTAMBA****Maximum Time : 3 Hrs.****University Examination : 35 Marks****Total Marks : 50****Continuous Internal Assessment : 15 Marks****Minimum Pass Marks : 40%****COURSE CONTENTS****SECTION A**

Three pillars of healthy living: Aharam (nutrition), nidra (rest-exercise) and maithunam (relationship)
The quadruples of healing -Bhishak (physician), dravyani (healing tools), upasthaata (attendant) and rogi (patient)

SECTION B

Two Deshas -bhumi and deha (Two aspects -body and surroundings). Doshic imbalances

BSCA-340P**TRISTAMBA****Maximum Time : 3 Hrs.****University Examination : 35 Marks****Total Marks : 50****Continuous Internal Assessment : 15 Marks****Minimum Pass Marks : 40%**

The laboratory course will comprise of exercises on what is learnt in the theory classes of the same course i.e. BSCA-240

BSCA-410

CHIKITSA (METHODS OF TREATMENT)

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment : 15 Marks
Minimum Pass Marks : 40%

A) Instructions for paper-setter

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

1. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

SECTION A

Langahana. Light diet or fasting.

Deepana. Increasing/improving the digestive process.

SECTION B

Trir Nigraha. Restriction of fluids.

Pachana. Increasing metabolic rate.

SECTION C

Atapa. Sunbathing therapy.

Maruta. Breeze or air therapy.

Vyayama. Exercise including Yoga

BSCA-410P

CHIKITSA (METHODS OF TREATMENT)

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment : 15 Marks
Minimum Pass Marks : 40%

The laboratory course will comprise of exercises on what is learnt in the theory classes of the same course i.e. BSCA-410

BSCTA-420**SHODHANA & CHIKITSA-PANCHKARMA THERAPY****Maximum Time :3 Hrs.****University Examination : 35 Marks****Total Marks :50****Continuous Internal Assessment : 15 Marks****Minimum Pass Marks :40%****A) Instructions for paper-setter**

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

1. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS**SECTION A**

Vamana. Purgation through the upper pathways or emesis. (Vomiting).

SECTION B

Virechana. Purgation through the lower pathway (Purgatives).

Basti. Use of enema.

SECTION C

Nasya. Nasal medication (medicated snuff & medicated oils).

Rakta moksa. Blood letting

BSCTA-420P**SHODHANA & CHIKITSA-PANCHKARMA THERAPY****Maximum Time :3 Hrs.****University Examination : 35 Marks****Total Marks :50****Continuous Internal Assessment : 15 Marks****Minimum Pass Marks :40%**

The laboratory course will comprise of exercises on what is learnt in the theory classes of the same course i.e. BSCA-420

BSCA-430

DIAGNOSIS

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment : 15 Marks
Minimum Pass Marks : 40%

A) Instructions for paper-setter

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

1. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

SECTION A

Eight diagnostic methods: Nadi (pulse), mutra (urine), mala (faeces), jihwa (tongue), shabda (voice/sound), sparsha (touch), drik (eyes), aakriti (symptomatology)

SECTION B

tEN aspects to consider: Dushya (tissues), desha (land), bala (strength), kaala (time/ season), agni (metabolic fire), prakrti (body types), vayas (age), satwam (mental strength), satmyam (acclimatisation) and aaharam (food)

BSCA-430P

DIAGONOSIS

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment : 15 Marks
Minimum Pass Marks : 40%

The laboratory course will comprise of exercises on what is learnt in the theory classes of the same course i.e. BSCA-430

BSCA-340 NIDHANA CHIKITSA (PATHOLOGY & PATHOPHYSIOLOGY)

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment : 15 Marks
Minimum Pass Marks : 40%

A) Instructions for paper-setter

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

7. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
8. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

SECTION A

Kaya Chikitsa - general diseases of the body.

SECTION B

Stri-Roga, Prasuti, Kaumara Bhritya. (Gynaecology, obtetrics and pediatrics).

Shalya & Shalakya Tantra

BSCA-340P NIDHANA CHIKITSA (PATHOLOGY & PATHOPHYSIOLOGY)

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment : 15 Marks
Minimum Pass Marks : 40%

The laboratory course will comprise of exercises on what is learnt in the theory classes of the same course i.e. BSCA-340

BSCA-440 NIDHANA CHIKITSA (PATHOLOGY & PATHOPHYSIOLOGY)

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment : 15 Marks
Minimum Pass Marks : 40%

A) Instructions for paper-setter

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

9. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
10. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

SECTION A

Kaya Chikitsa - general diseases of the body.

SECTION B

Stri-Roga, Prasuti, Kaumara Bhritya. (Gynaecology, obtetrics and pediatrics).

Shalya & Shalakya Tantra

BSCA-440P NIDHANA CHIKITSA (PATHOLOGY & PATHOPHYSIOLOGY)

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment : 15 Marks
Minimum Pass Marks : 40%

The laboratory course will comprise of exercises on what is learnt in the theory classes of the same course i.e. BSCA-340

THIRD YEAR

BSCA-510

PRINCIPLES OF AYURVEDIC MANAGEMENT

Maximum Time : 3 Hrs.

University Examination : 70 Marks

Total Marks : 100

Continuous Internal Assessment : 30 Marks

Minimum Pass Marks : 40%

A) Instructions for paper-setter

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

1. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

SECTION A

Principles of Ayurvedic Management of diseases

SECTION B

Balancing three doshas with colour, aroma, gems, essential oils, diet, herbs and therapies
Quadruples of healing and their attributes.

BSCA-520

PANCHKARMA

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment :15 Marks
Minimum Pass Marks : 40%

A) Instructions for paper-setter

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

1. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

SECTION A

Introduction to Panchakarma (five purificatory therapies) therapy
Pre and post panchakarma procedure
Pre and post panchakarma (five purificatorytherapies) procedure

SECTION B

Shirodhara (herbal shower on forehead)
Shirodhara -practicals
Dehadhara (herbal shower on body).
External vastis: Urovasti (pooling oil on the chest), kativasti (pooling oil on back), tarpanam(pooling oil over eyes)

SECTION C

Karnapuranam (ear cleansing and rejuvenation). External vastis: Urovasti, kativasti, tarpanam
Nasyam -Nasal medication
Pinda swedam with shashtika rice
Shirovasti / Shirodhara
Nasyam: Nasal cleansing and rejuvenation

BSCA-520P

PANCHKARMA

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment :15 Marks
Minimum Pass Marks : 40%

The laboratory course will comprise of exercises on what is learnt in the theory classes of the same course i.e. BSCA-520

BSCA-530

PANCHKARMA-II

Maximum Time : 3Hrs.
Total Marks : 100
Minimum Pass Marks : 40%

University Examination : 70 Marks
Continuous Internal Assessment : 30 Marks

A) Instructions for paper-setter

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

1. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

SECTION A

Shirovasti (cranial oil saturation)

Principles of Vamanam (emesis) and Virechanam (purgation). Indications, contraindications, procedure, herbs/formulations

SECTION B

Shatkriyas: Six yogic purifications

Principles of Vasti -Kashaya vasti and sneha vasti (herbal enemas)

SECTION C

Indications, contraindications, procedure and herbs/ formulations

Other major vastis.

BSCA-540

PHARMACOLOGY

Maximum Time : 3 Hrs.

University Examination : 35 Marks

Total Marks : 50

Continuous Internal Assessment : 15 Marks

Minimum Pass Marks : 40%

A) Instructions for paper-setter

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

1. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

SECTION A

Pharmacology -principles and practice.

Pharmacology: Preparation of Juice, paste, powder, cold and hot infusion, decoction

Pharmacology: Vatakam (dry jams), Leham (linctus)

SECTION B

Abhyanga & marma (vital) points

Pharmacology: Asavas (fermentation from juices).

Pharmacology: Arishtas (fermentation from decoctions)

Abhyanga ctd...

SECTION C

Pharmacology: Herbal oil and ghee

Pharmacology: Tablets and pills.

Pharmacology: Principles and preparation of Rasayana (rejuvenative) combinations

Pharmacology: Principles and preparation of Vajikarana
(fertility tonics) combinations

Time of administration

BSCA-540P

PHARMACOLOGY

Maximum Time : 3 Hrs.

University Examination : 35 Marks

Total Marks : 50

Continuous Internal Assessment : 15 Marks

Minimum Pass Marks : 40%

The laboratory course will comprise of exercises on what is learnt in the theory classes of the same course i.e. BSCA-440

BSCA-610

YOGIC PURIFICATIONS

Maximum Time : 3 Hrs.

University Examination : 35 Marks

Total Marks : 50

Continuous Internal Assessment : 15 Marks

Minimum Pass Marks : 40%

A) Instructions for paper-setter

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

1. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

SECTION A

Six yogic purifications: Shatkriyas

Internal oleation: Sneha paanam(drinking herbal fats) and its procedure

SECTION B

Treatment plan of general diseases

Management of Jwaram (inflammatory, fever conditions)

BSCA-610P

YOGIC PURIFICATIONS

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment : 15 Marks
Minimum Pass Marks : 40%

The laboratory course will comprise of exercises on what is learnt in the theory classes of the same course i.e. BSCA-610

BSCA-620

CLINICAL PRACTICE

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment : 15 Marks
Minimum Pass Marks : 40%

A) Instructions for paper-setter

4. The question paper will consist five sections namely A, B, C, D and E.
5. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
6. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

1. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

Different types of diseases and their cure

BSCA-620P

CLINICAL PRACTICE

Maximum Time : 3 Hrs. University Examination : 35 Marks
Total Marks : 50 Continuous Internal Assessment : 15 Marks
Minimum Pass Marks : 40%

The laboratory course will comprise of exercises on what is learnt in the theory classes of the same course i.e. BSCA-620

BSCA-630**AYURVEDA ANSD ITS SPITITUAL ENERGETICS**

Maximum Time : 3 Hrs. University Examination : 70 Marks
Total Marks : 100 Continuous Internal Assessment : 30 Marks
Minimum Pass Marks : 40%

A) Instructions for paper-setter

1. The question paper will consist five sections namely A, B, C, D and E.
2. Each of the sections A, B, C and D will contain two questions and candidates have to attempt at least one question compulsorily from each section. Each section carry 15% of the total marks
3. Section E will comprise of 10-15 short answers type questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for candidates

1. Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS**SECTION A**

Chakras, Kundalini and Nadis

Dhee-dhairya-atamadi vijnanam: Ayurvedic psychology and healing

SECTION B

Pancha kosha: Five sheaths of body and healing

Three planes of body (Sukshma, sthula and karana sharira)

SECTION C

Yogic purifications: Shatkriyas

Revision and reflection

BSCA-640P**PROJECT**

Maximum Time : 3 Hrs. University Examination : 70 Marks
Total Marks : 100 Continuous Internal Assessment : 30 Marks
Minimum Pass Marks : 40%