

Regulations

for Courses affiliated to the

Kerala University of Health Sciences

Thrissur 680596



Bachelor of Science (Nursing) Ayurveda -

B.Sc.(Nursing) (Ay.)

Course Code 008

(2016-17 Academic year onwards)

2. COURSE CONTENT

2.1 Title of course:

Bachelor of Science in Nursing (Ayurveda)

2.2 Objectives of course

To provide trained graduates in nursing in Ayurvedic treatment and care.

2.3 Medium of instruction:

Medium of instruction shall be English

2.4 Course outline

I YEAR B.Sc NURSING

Course of Study for the first year B.Sc Nursing (Ayurveda), shall be one academic year and comprise the study of the following subjects

PART – I BIOLOGICAL SCIENCES

- Paper – I -Basic concepts of Ayurveda & Sanskrit
- Paper – II Sareera Rachana Vijnanam
- Paper – III Sāreere Kriya Vijnanam

PART – II – SOCIAL AND BEHAVIOURAL SCIENCES

- Paper – IV Sociology and general psychology

PART – III – COMMUNITY HEALTH

- Paper – V Swasthavrutha – I

PART – IV – NURSING I

- Paper – VI – Foundations of Nursing with first aid .

- Paper VII – Panchakarma I

PART - V – i. COMPUTER SCIENCE

- ii. YOGA

II YEAR BSc NURSING COURSE

Course of Study for the Second year B.Sc Nursing (Ay), shall be one academic year and comprise the study of the following subjects.

PART – I - NURSING II

- Paper – I - Medical Nursing
- Paper – II – Pharmacological Nursing & Dietetics

PART – II – NURSING – III

- Paper III – Salyakarma Paricharana
- Paper IV – Salakyakarma Paricharana

PART III - NURSING - IV

- Paper V - Swasthavrutha – II

THIRD YEAR BSC NURSING COURSE.

Course of Study for the third year B.Sc Nursing (Ay), shall be one academic year and comprise the study of the following subjects ,

PART – I – NURSING V

- Paper – I – Panchakarma II

➤ Paper – II – Manasikarogi Paricharana

➤ Paper – III – Sisuparicharana

PART – II – NURSING RESEARCH

➤ Paper IV – Nursing Research and Statistics

FOURTH YEAR BSc NURSING COURSE

PART – I – NURSING –VI

➤ Paper – I – Maternity & Gynaecological Nursing .

➤ Paper – II – Sāmoohya swasthya Samrakshana

PART – II – EDUCATION & ADMINISTRATION

➤ Paper – III – Nursing Education

➤ Paper – IV – Nursing Administration



2.5 Duration

The course of study for BSc Nursing (Ay) Degree shall extend over a period of four academic years. Each academic year consists of not less than 200 working days.

B.Sc Nursing I year : 12 months

B.Sc Nursing II year : 12 months

B.Sc Nursing III year: 12 months

B.Sc Nursing IV year : 12 months

2.6 Syllabus

As given under clause 2.4

The concept of health care counselling shall be incorporated in all relevant areas.

2.7 Total number of hours

The students have to attend a minimum of 240 working days. Total course duration is 5860 hours including 100 hours of training in reputed external Hospitals/institutes.

2.8 Branches if any with definition :

Not applicable.

2.9 Teaching Learning Methods

- Lecturer and practical classes

2.10 Content of each subject in each year

The course of study for BSc Nursing (Ay) Degree) I, II, III and final year shall include the respective theory and practical subjects as given below.

I Year Examinations (to be held at the end of one year).

The course starts from 1st day of July and ends on 30th June of next year. The examination shall be completed by the end of June, the supplementary examination of 1st B.Sc Nursing shall be held within 2 months of declaration of the

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result.

A student who shall register for the first year examination being eligible to get promotion to the II year B.Sc Nursing

The first year examination shall be held in the following subjects.

FIRST YEAR

Paper I - Basic concepts of Ayurveda .

Placement

Time allotted 65 theory hours for Basic concept of Ayurveda and 25 hours for Sanskrit.

Aim: The Students identify the concepts and facts of Ayurveda to facilitate understanding Ayurvedic concepts in giving comprehensive nursing.

Unit I –

- * Basic concepts of Ayurveda – General awareness of the evolution of Ayurveda and Panchamahabootha theory
- * Dosha Dhatu Malavijnanam (with modern Physiological references)

Panchamahabootha theory and concept of Manas.

Unit II

DRAVYA

Definition, Constitution, Classification elaboration of terms - Rasa, Guna, Veerya, Vipaka, Prabhava with proper definition constitution and classification .

Unit III Concept of Roga and Arogya

Unit IV Concept of Agni and its importance

Concept of
Prakruthi,
Koshta, Desa,
Oushadha &
Oushadhakala.

Unit V Concept of Padachathushtaya

Unit VI Concept of Ayurvedic Prognosis.

Unit VII- SANSKRIT – 25 Theory hours

* Basic knowledge of Sanskrit.

I – Sabdamanjari, Sidharoopam

1. The alphabet – Classification letters

2. The usage of cases

3. Sabdarooapa

a) Ajantha pullinga , Napumsakalinga and streelinga

i) 'Rema', 'Hari', 'Guru', 'Go'

ii) 'Phalam', 'Madhu'

iii) 'Rema', 'Mathi', 'Nadee'

b) Halantha

'Rajan', 'Mahat, 'Pums'

c) Pronoun

'Ushmad' , 'Asmad', 'Tat'

II. Conjugation of verbs

a) Brief introduction of ' Dashalakaras' with special reference to present and future.

b) Dhathu roopa

'Bhu', 'As', 'Kru', 'Vand'

III. Translation of simple sentences from Sanskrit to Malayalam and vice versa

IV. Sandhi, Aavyaga and voice be taught with the approximate textual context.

V. Sree Ramodantham – Balakandam

VI. Twenty lines of sbhashitha related with Ayurveda – First chapter of Vaidyakeeya subhashitham.

REFERENCES

1. Ashtangahrudaya soothrasthanam I Sanskrit

1. Sabdamanjari , Sidharoopam – R. S. Vadhyar

2. Sree Ramodantham – Balakandan

3. First chapter of Vaidyakeeya subhashitham – Chaukamaba publication

MARKS DISTRIBUTION

Marks for theory paper I divided into A & B carries 50 + 50.

Basic concept of Ayurveda : 75 marks

Sanskrit : 25 marks

SPLITTING OF THEORY MARKS

Part A

Unit I : 35 marks

Unit II : 15 marks

Part B

Unit III, IV, V & VI : 25 marks

Unit VII : 25 marks

Paper II- Sareera Rachana Vijnanam

Unit I

- * Sareera Upakrama
- * Concept of body and importance of Anatomy.

Unit II

- * Evolution of Body and functional importance of Thridosha, Thriguna, Dosha Dhatu and Mala.

Unit III

- * Garbha Sāreera , Study of concepts of Gharbadharana, Poshana and Samvahana.

Unit IV

- * Asthisāreeram भवन्त् स्तम्भानः
- * Study of bones – Identification , classifications, structure along with attachments of muscles.
- * Types of joints .

Unit V

Body as an integrated whole organization, study of the body cells, tissues , organs and systems .

Unit VI Marma Saareeram

Unit VII

Comprehensive study of the following systems:

- Cardiovascular system
- Respiratory system
- Gastrointestinal system
- Genitourinary system
- Nervous system
- Endocrine system

PRACTICAL

Demonstration & Identification and surface anatomy of soft organs, bones and muscles within the limits of the prescribed theory topics.

REFERENCES

1. Relevant portions from Bruhathryi – Sāreera sthana
2. Human anatomy Vol I , II , III – B.D. Chaurasya

MARK DISTRIBUTION PART A

Unit I, II, III : 20 marks
 Unit IV : 30 marks

Part B

Unit V & VI : 15 marks
 Unit VII : 35 marks

Paper III – Sareera Kriya Vijnanam

Placement : 1 year

theory 80 hrs , Demonstration 10 hrs

Aim : the student identify the concepts and principles of the human body and apply these giving comprehensive nursing care.

THEORY

Unit I

Concepts of the following physiological factors with its proper definition constitution and classification .

- * Dosha
- * Dhatu
- * Mala
- * Srothases
- * Upadhatus
- * Ojas
- * Siradhmanies
- * Indhriyas
- * Prakruthi.

MODERN PHYSIOLOGY

Unit II

- * Blood, Tissue fluid and lymph
- * Basics of Bio- chemical investigations.

Unit III

Comprehensive study of the following systems:

- * Cardio vascular system
- * Respiratory System
- * Digestive system
- * Endocrine system
- * Reproductive system
- * Excretory system
- * Nervous system

Unit IV Special senses – Physiology

DEMONSTRATION

Routine examination of blood and urine

REFERENCES

1. Ashtangahrudayam charakam & Susrutham – Suthra & Sāreerasthana
2. Human Physiology Vol I & II – Chatterji

MARK DISTRIBUTION PART A

- Unit 1 : 25 marks
Unit 2 : 25 marks

PART B

- Unit 3 : 35 marks
Unit 4 : 15 marks

AYURVEDIC PART

Description of the following concepts

Unit I

- * Sudvrutha
- * Dinacharya
- * Janapadodhwamsaneeyam
- * Satwam – Definition , formation , classification & Clinical importance.

MODERN PART

Unit I

Science of sociology: Definition, Concepts, scope, study of sociological concepts, types, _Culture.

- * Social Institution
- * Community
- * Social Problems
- * Social Planning
- * Social Security measures.
- * General Psychology
- * Introduction of Psychology, methods, Biological concepts of behavioral Psychology, Psychological concepts of brain.
- * Study of mental health, Psychological concepts in groups and social setups .

REFERENCES:

1. Ashtanga Hrudhayam, Charaka Samhitha , Susrutha Samhitha
2. Text book of Psychology – Charles – D-Morris
3. Psychopathology in Indian medicine – Satya Pal Gupta

Part III – Community Health

Paper V – Swasthavrutha I

AYURVEDIC PART

Unit I

Swasthavrutha Parichaya, Swasthavrutham, Aathuravrutham, dhinacharya ,
Rithucharya. Sadvritham, Janapadodhwamsaneeyam.

Annapaanavidhi, Annasamrakshaneeyam, Mathrasitheeyam, Sathapathyadravya.

MODERN ASPECTS

Unit I

Introduction to community health in the study of concepts of :

- * Health and disease.
- * Community medicine.
- * Social medicine.
- * Community health.
- * Classification of diseases.
- * Levels of prevention .
- * Personnel health – Mental, Social and Spiritual .
- * Surveillance of health immunology.
- * Concepts of primary health care, Environment, Food.
- * Community resources for health and welfare.
- * Practical Experience of the above concepts are to be conducted at different stages.

Nutrition

- * Introduction of Nutrition, Classification. Detailed study of Plant food, calorie utilisation,
- * Balanced Diet, Specialized nutritional plants, Reservation and storage of food.

DEMONSTRATIONS

Practicals of the above set topics are included.

Portions for the practical Record

Dinacharya

1. Nasya
- 2 .Gandoosha & Kabala
3. Dhoomapana
4. Anjana
5. Udvrtthana 6.Acharacharya

1. Aharadravyaparichaya

- a. Wheat
- b. Rice

c. Ragi

m. Cabbage

d. Beet root

n. Cucumber

e. Water melon

o. Onion

f. Bengal gram

p. Banana

g. Black gram

q. Lemon

h. Orange

r. Tomato

i. Honey

s. Food and Nutrition

j. Different types of milk

t. Balanced diet

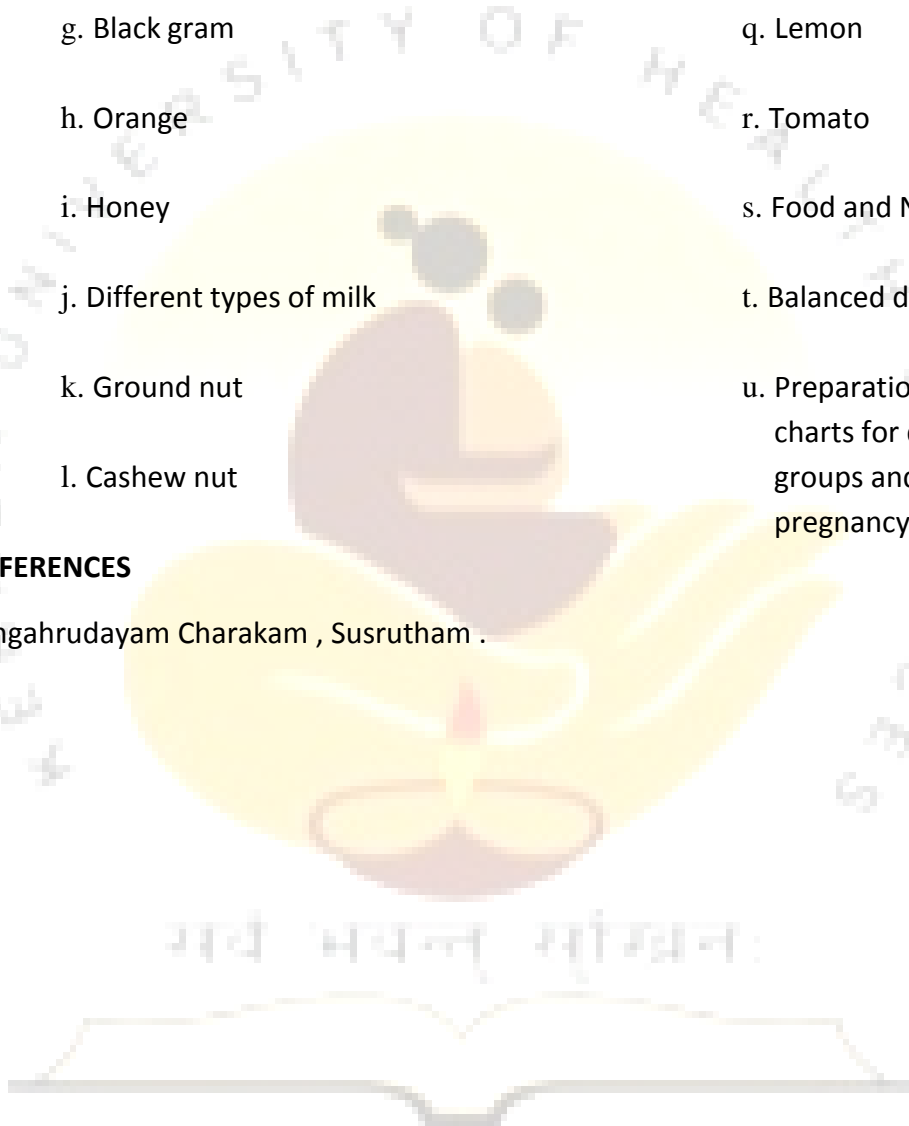
k. Ground nut

u. Preparation of special diet charts for different age groups and during pregnancy and location.

l. Cashew nut

REFERENCES

Ashtanghrudayam Charakam , Susrutham .



MODERN REFERNECES

1. Fundamentals of Foods and Nutrition – Wiley Eastern Ltd. Calcutta .
2. Applied Nutrition Rajalakshmi R
3. Essentials of Community health Nursing – K. Park
4. Clinical dietetics and Nutrition – F.P Antia & Philip Abrahams
5. Food & Nutrition – Dr. M. Swaminathan
6. Nutrition & Dietetics – Dr . M. Swaminathan.

MARK DISTRIBUTION

Part A – Ayurvedic

Unit I : 50 marks

Part B – Modern

Unit I : 50 marks

PART IV – NURSING I

Paper VI – Foundations of Nursing and first aid .

Aim : To explain the basic concepts and principles guiding nursing activities. Identification of the basic needs and problems of patient.

Development of skills in communication and maintains good interpersonal and professional relations.

Application of the principles of first aid in Emergency situations.

MODERN PART

Unit I

- * Nursing as a profession
- * Introduction
- * Definition
- * Profession and its characteristics
- * Qualities of Professional Nurse
- * Care – Cure concepts
- * Patient centered approach
- * Holistic approach

Unit II

- * Health and illness
- * Definition
- * Stages of illness
- * Impact of illness on patient and family.
- * Levels of prevention
- * Health care team.
- * Role of Nurse.

Unit- III

- * Hospital and environment – Importance
- * Therapeutic environment
- * Importance of Safe and healthful environment
- * Infection control – definition.
- * Concept and practice of asepsis – Care and Maintenance of article.
- * Disinfections and sterilization .
- * Isolation techniques.

Unit IV

Development of Communication and interpersonal relationship Health Assessment – General Concepts Health history Physical examination. Body Mechanics – Definition, Principles, Protective position, Turning lifting and transferring of patient. Admission of Patients in the Hospital.

Unit V

- * Assessment of vital signs
- * Monitoring Vital signs – Temp , Pulse, Respiration, and B. P significance .
- * Human needs in Health and disease – basic needs / and problem.
- * Alteration in nutrition, Bladder elimination, Bowel elimination .
- * Alteration in rest and sleep, Impaired mobility, causes, Nursing of such patients .
- * Alteration in sensations, assessment, care of unconscious patients.
- * Therapeutic uses of Heat and cold, Hot applications - effect on body.
- * Hot water bag, infrared therapy, Cold application and effects.

Unit VI

Rehabilitation and role of Nurse. Assessment of spiritual needs and relaxation techniques Yoga and reading . Care of terminally ill patient .

सर्वे भवन्तु सुखिनः



Unit VII

- * First Aid
- * Introduction
- * Definition
- * First aid in Respiratory and circulatory emergencies.
- * Fractures and dislocations .
- * Application of splints and bandages.
- * First aid in burns snake bite, Dog bites and food poisoning and other organophosphorous poisoning.

DEMONSTRATION :

Postings in relevant Departments in Medical College Hospitals .

REFERENCES

1. Principles and practices of Nursing (Vol I & II) – Sr. Nancy
2. A new text book for Nurses in India – Board of NENL.

MARK DISTRIBUTION

Part A

Unit I	: 10 Marks
Unit II	: 15 Marks
Unit III	: 15 Marks
Unit IV	: 10 marks

Part B

Unit V : 15 marks

Unit VI : 15 marks

Unit VII : 20 marks

Paper VII – Panchakarma – I

Unit I – Snehapana Vidhi

Types of Snehas, Properties, Sources of Sneha, Procedure of snehapana with pre and post measures diet regime during Snehapana, Time of administration, Dosage, Sadhyasneha, Samyaknigdhakshanas, Snehavayapath and its measures .

Unit – II - Swedavidhi

Definition properties, types and detailed procedures.

Indications and contra indications – Agneya and Anagneya Swedavidhi, Samyaksweditha Lakshanas pre and post measures .

Unit – III Vamanavidhi

Definition properties, and procedures.

Indications and CIs pre and post measures . symptoms of Samyak and Asamyak vamanas .

Unit IV – Virechanavidhi Definition properties, and procedures. Indications and contra indications

Indications and CIs pre and post measures . symptoms of Samyak and Asamyak virechana

Unit V

Samsarjana karma Procedure

Administration Patient Care

Unit VI - Vasthividhi

Definition properties, types and detailed procedures. Indications and contra indications .Pre and post measures . Preparation of Vasthi Dravya, Description of Vasthiyanthra . Time of administration, Posology of vasthi, Samyaka and Asamyaka Lakshanas .

Unit VII - Nasya Vidhi

Definition properties, and procedures

Definition properties, types and detailed procedures. Indications and contra indications .Pre and post measures .

Time of Administration , Therapeutic dose Samyak and Asamyak Lakshanas

DEMONSTRATION

Postings in Ayurveda College Hospital for Practical training in Panchakarma

REFERENCES

1. Ashtanghrudayam Sutrasthana –
2. Ashtangasnagraha – Karmaparichayam
3. Susrutha Samhitha
4. Charakasamhitha
5. Panchakarma – Manakodan Kesavan Vaidyan
6. Karmaparichayam – Vaidyabooshanam K.Raghavan Thirumulpad
7. Panchakarma by Dr. Rajagopalan
8. Ayurveda Panchakarma Chikitsa – Kaikulangara Ramavariar

MARK DISTRIBUTION

PART A

Unit I : 15

Unit II : 15

Unit III : 10

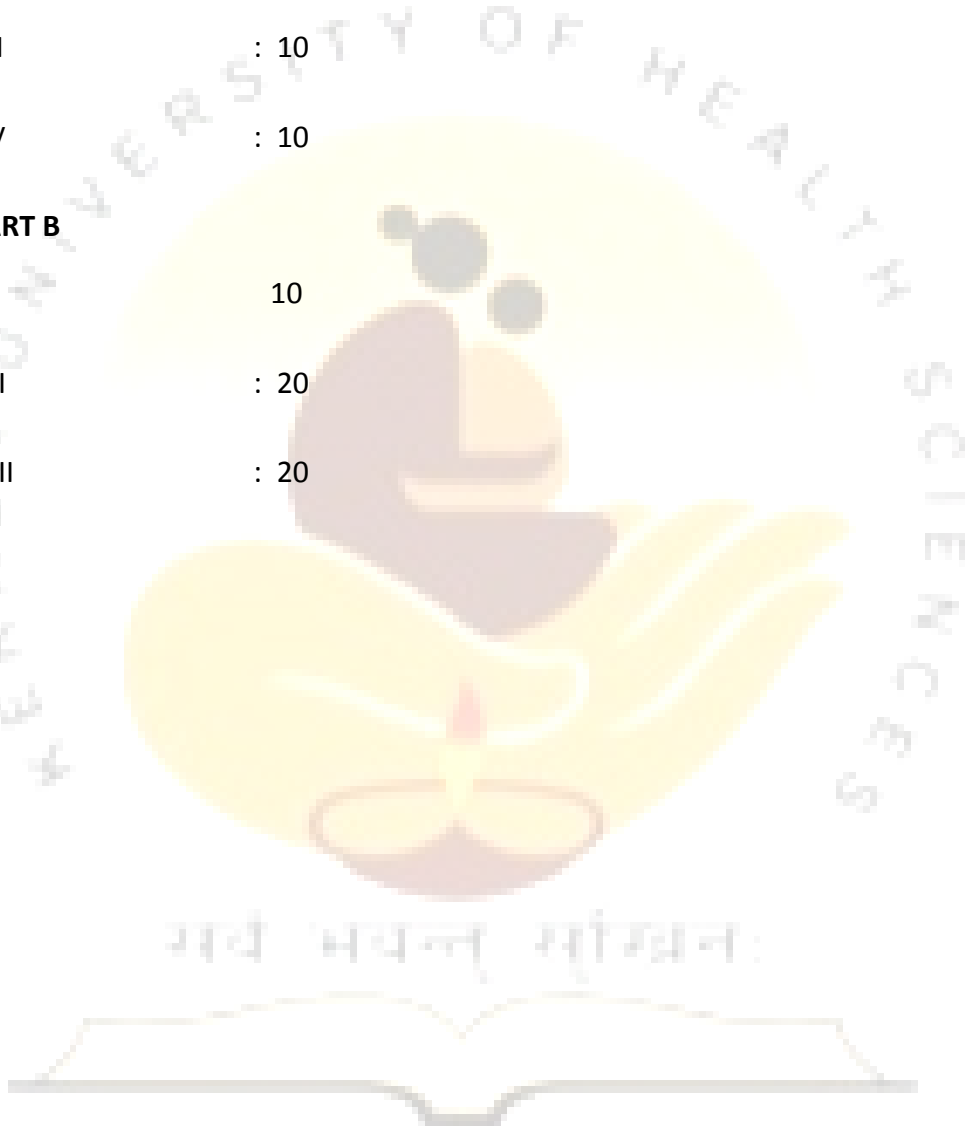
Unit IV : 10

PART B

Unit V : 10

Unit VI : 20

Unit VII : 20



II. YOGA

Aim: The Student identifies the concept of computer programming and develop the ability in the application of computer in Health, Education, Training and Administration.

Unit I Computer fundamentals

- * **Unit II** Operating System
- * **Unit III** MS – Word
- * **Unit IV** Graphics
- * **Unit V** E – Net
- * **Unit VI** Application Computer in Nursing

II. YOGA

- * Introduction
- * Importance of Yoga
- * Relevance of Yoga Nursing
- * Yoga and Physiology and study of 32 types of Yogasanam
- * Demonstration: Practical training in Yoga and Computer training.

MARK DISTRIBUTION

Class Aerge 100

IT : 50

Yoga : 50



II YEAR BSC NURSING AYURVEDA

PART I – NURSING II

Paper – I – Medical Nursing

Aim :- To familiarize the Ayurvedic and Modern concepts of Etiology, Pathophysiology , Symptomatology of diseases and diagnostic measures and Nursing care of relevant diseases .

* **Unit – I**

Introduction : Development of Medicine, Concept of disease causes, classification of diseases

. Definition, Identification of the Etiology, Pathophysiology and Symptomatology of

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the following diseases.

- | | |
|-----------------|-----------------------|
| * Jwara | * Moorcha |
| * Rekthapitha | * Brahma |
| * Kāsa | * Nidhra |
| * Swasa | * Sannyasa |
| * Hikka | * Panathyaya |
| * Swarabeda | * Panaajeerna |
| * Rajeshma | * Daha |
| * Kshadhaksheea | * Unmadam |
| * Agnimandhya | * Apasmara |
| * Ajeerna | * Vatha vyadhinidanam |
| * Vishoochika | * Vataraktham |
| * Alasaka | * Oorusthambam |
| * Grahani | * Amavatham |
| * Athisara | * Soola |
| * Arsa | * Parinamasoola |
| * Chardhi | * Annadravasoola |
| * Thrishna | * Udavrutham |

- | | |
|-----------------|---------------|
| * Gunma | * Kshudra |
| * Hrudroga | * Seethapitha |
| * Moothrakricha | * Chidhraroga |
| * Moothraaghaa | * Kushta |
| * Asmari | |
| * Prameha | |
| * Mehapidaka | |
| * Medoroga | |

Study of Ayurvedic Diagnostic measures : Apathopadesadi trividhapareeksha, Shadanga, Chathurvidha , Ashtasthana, Dasavidharogapareeksha, Srothopareeksha, Dhatu, Upadhatupareeksha.

Study of Upasaya, Anupasayabheda, Arishtalakshanas of above said diseases. Geriatric Nursing care

1. Concept of Geriatric treatment
2. Diseases related to aging and its management .
3. Pre and post management of Rasayanavidhi
4. Rehabillitation of paralytic patient and their care.

MODERN PART

Introduction

Study of Eteopathology, Symptomatology, Diagnostic measures, course and management of patient suffering from common communicable diseases and comprehensive nursing care of the following systemic diseases.

1. Respiratory system First Aid in Respiratory Emergencies – Bronchitis, Bronchial Asthma , Corpulmonale, Lung Abscess, ARDS, Tuberculosis, Empyema, Pneumonia, Respiratory failure .

2. Cardio vascular system – First Aid in Circulatory emergencies .
3. CAD, CCF, RHD, Hyper tension .
4. Haematology.
5. Anaemia
6. Leukaemia , Lymphomas, Multiple myeloma, Haemophilia, DVT.
7. Gastrointestinal system - APD , UETD , GERD, IBD, Hepatitis, Panchreatitis., Gastritis.
8. Genito – urinary system - UTA, Nephritis , Nephrotic Syndrome. PIDs
9. CNS – Headache, CVA, Convulsions, Migraine , Meningitis, GBS, Parkinsonism, Alzheimer’s, Myastheniagravis,
10. Endocrine system :- Diseases of thyroid and parathyroid glands, Diabetes mellitus , Addison’s, Cushing syndrome, Acromegaly
11. Musculoskeletal system : Osteomalacia Osteoarthritis Gout, SLE.
12. OMC : Poisoning, Snake bite, allergies
13. Emergency nursing : Definition , Principle of Emergency, Management of emergency,
14. Care of the elderly : Physical, Psychosocial, Intellectual and spiritual health problems of the aged.
15. Communicable diseases : Review of infection process of Bacterial, fungal , viral, Protozoal , Rickettsial, Helminths . Nursing care of patients with typhoid A/C diarrhoeal diseases , Plague, Weils disease, Hepatitis , Rabies, AIDS, Dengue fever.
16. Dermatology and Venereology, Common skin diseases, diagnostic, nutritional and pathological study. STDs.

REFERENCES :

1. Ashtangahrudaya, Charaka & Susruthasamhithas
2. Davidson Principles and practice of Medicine.

MARK DISTRIBUTION

Part A – Ayurvedic

Unit I : 50 marks

Part B- Modern : 50 marks

Unit I : 50 marks

Paper II : ftharmacological Nursing and Dietetics

Aim :- To familiar the principles of both Ayurvedic and Modern Pharmacological science and Dietetics.

General Pharmacology : Introduction and definition of Ayurvedic Pharmacology, Rasa, Guna, Veerya, Vipaka, Prabhava. , Sources of drugs, Weights and measures, Posology, Ayurvedic Pharmaceutical concept ,Pharmacological Ethics and Principles, Prescription mode and routes of drug administration, Shelf life and expiry of life, Awareness of Rasaoushadhiees ,

Dietetics : Introduction, importance of Sadāpathyaahas, Bhojanavidhi, Bhojanakāla, Diets in various disease conditions, Ahārapathya in Karshya, sthoulyarogas, Aaharavidhi for bala, kshēna, Vrudha group of Rogi.

- Administration of medicines
- Classification of drugs , Actions , Dosage.
- Awareness of different Kalpanas- Kwatha , Choorna , Avaleha, Asava, Arishta, Arkka, Rasaoushadhas, Bhasmas, various external applications.
- Knowledge of routes of administration, Storage.

MODERN PART :

Modern Pharmacological concepts, Definitions, Source of drug, weights and measures, Pharmaceutical preparations., route of administration and adverse reaction of drugs.

Systemic Pharmacology

1. Classification
2. Mechanism of action of the following systemic acting drugs.
 - * Autonomic nervous system
 - * Central nervous system
 - * Cardio vascular system
 - * Blood

- * Respiratory system
- * Gastrointestinal system .
- * Endocrinal system
- * Antibiotics and Chemotherapeutics
- * Nutrients, fluids and electrolytes
- * Role of nurses in drug administration and responsibilities in Pharmacology intervention related to systemic pharmacological agents .

DIETETICS

* Unit I

- * Introduction
- * Normal Nutrition
- * Therapeutic Nutrition
- * Nutritional deficiencies

Concepts of diets in the following conditions.

- * Underweight
- * Obesity
- * Diabetics
- * Cardiovascular diseases
- * Kidney diseases
- * GIS diseases.
- * Pediatric diseases
- * Diet in Bedridden patients.

REFERENCES:

1. Ashtanghrudayam, Charaka & Susrutha Samhiths
2. Text book of Nutrition and Dietetics- Dr. M. Swaminathan
3. Text book of Hospital and clinical Pharmacy- P.C. Dandia , Mukul Mathur
4. Principles and practices in Nursing – Sr. Nancy.

MARK DISTRIBUTION

Part A – Ayurvedic

Unit I : 50 marks

PART B – Modern

Unit I : 50 marks

PART II – NURSING III

Paper III – Salyakarma paricharana

AYURVEDIC PART

Unit I

Introduction, Definition, Importance of the subjects – Susrutha Pradhanyam , Vyadhipradhanam, Sadhyasadhyatha, Vyadhi prakaram
Vruna – Definition, Etiology, Pathophysiology, Types, Symptoms, Complication. Vruna upakramam Sapthasashti upakramas

Etiology, Pathophysiology , Symptomatology and Management of the following diseases.

- * Nadivruna
- * Arsas
- * Rekthasrāva.
- * Seevanadhi upakrama
- * Vishesha upakrama
- * Lepadividhi
- * Aharavidhi

Diagnostic measures of the following diseases.

- * Arsa
- * Charmakeela
- * Moothrākrchra
- * Moothrāghatha
- * Grandhi
- * Apachi

- * Arbudha
- * Vidhradhi
- * Mehapidaka
- * Parināmasoola
- * Annadravasoola
- * Kshudraroga.

Study of Upasaya, Anupasaya, Bedha, Arishta, Lekshānas of the above said diseases.

Study of the Sasthrakarma, Ashtavidhakarmas, Pichu, Plotha, Kapalika, Vrunasodhana, Ropandravya, Poorva and Paschāthkarma of each sasthrakarmas, Kshara, Agni, Jelooka, Siravedha descriptions. Instruments, types, Nos, Name .

- * Bandaging (Bandhas)
- * Study of Ayurvedic description of different types of Bandhas for fractures .
- * Immobilization method
- * Management of burns
- * Causality management of burns
- * First aid in poisonous bites of various Animals , insects and snakes .
- * Study of the descriptions of Ayurvedic Management. Upachārās , Pathya – Pathya to Salyachikitsa .

MODERN PART

Unit I

Introduction : Development of Surgery, Infection, Abscess, Inflammation , Wound healing , Shock and hemorrhages.

Auxiliary Surgical Manoeuvres in the following systemic diseases.

- * Respiratory system
- * Cardiovascular system
- * Gastro intestinal system
- * Genitourinary system
 - * Nervous system
 - * Musculo- skeletal system
 - * Allied surgical diseases.

DEMONSTRATION

The corresponding unit posting may be done, accordingly.

REFERENCES :

1. Susruta , Ashtanghrudhaya
2. Text book of Surgery – Bailey & Lowely

MARK DISTRIBUTION

Part A – Ayurveda

Unit I : 50 marks

Part B – Modern

Unit I : 50 marks

Paper IV : Salakyakarmaparicharana

Unit I – Ayurveda – Part A

Introduction, Definition, knowledge of diseases, Pertanity of Salakyathantra Hethusamprapthi, Lakshana, bedha and Anubandhaupachara.

Nethra Roga, Siroroga, Karnaroga, Nasaroga, Mukharoga. Salakyathantra, Nirukthi, Parichayam, Ithihasam.

Nethra , rachana , Kriya Sareeram, Nethras mandalas, patalas, Sandhis, pramanum, Panchabhouthikathwam, Nethra pareekshanam.

Nethra Roga Sankhya, Vibhagam, Nidanam poovaroopam, samprapthi, roopam, Sandhigatharoga, sanghya, lashana.

Nethra Kriya Kalpanas – Achothanam, Sekam, Anjanam, Tarpanam, Putapakam, Pindi bidalakam.

Sirorogas, Siro Mahathwam, Uthmangam, Siroroga- Sanghya, Lakshanan, Kriyakarmas, Moordhini thailam, nasya.

Vathamagatha rogas – Sanghya, Lakshana. Suklagatha rogas – Sanghya, Lakshana

Krishnagatha Rogas- Sanghya, Lakshana Sarvagatha rogas – Sanghya Lakshana Karma rogas – Sanghya lakshana Karmapooranam, dhoomapanam

Mukhavayavajnanam, Mukharogam nidana, Sankhya, Samprapthi. Oshta, Ganda, Dantha, Danthamoola rogas- Sankhya, Lakshana, Drishtigatha roga- Sanghya, Lakshana

Jihwa, talu, sarvasya, Kanta rogas – Sangya, lakshana Kriyakramas – Kabalam, Gandoosham Sirovasthi, Nasya, Anjanam, Putapakam, Tharpanam, Gandoosham, Pindi vidalakam etc.

Unit I – Modern – part B

OPHTHALMOLOGY AND E.N.T NURSING

Introduction, Auxiliary Nursing care in management of eye disease, pre- and post operating care for eye surgery, knowledge of special instruments used for eye surgery causes and prevention of blindness.

E. N. T. Diseases and E. N. T. Nursing:

Nursing management of patients with common disease of ear.

Pre and post operative care of patient undergoing ear surgery. Nursing management of patients with common disease of Nose Pre and post operative care of patients undergoing nasal surgery.

Knowledge of diseases of throat and nursing care of pre and post management of surgery.

DEMONSTRATION :

Corresponding postings may be done in separate OPDs and IPDs in Ayurveda College Hospital.

REFERENCES

1. Ashtanga Hridaya Charaka & Susrutha
2. Text book of Ophthalmology – S.K. Seal
3. Textbook of E.N.T. – Jaypee

MARK DISTRIBUTION

Part A – Ayurveda

Unit I : 50 marks

Part B – Modern

Unit I : 50 marks

Paper V – Swasthavrutha II Unit - I

- * Introduction-
- * Swasthavrutha parichaya
- * Athuravruthaparichaya
- * Importance of diet and, life modulations styles
- * Roganulpadhneeya and its details, Trayopasthamba, Roga and Arogya, Panathyaya, Pānajeerna, Paramada, Chikitsaparichaya.

MODERN PART

Community health nursing

Unit I

Introduction, Identification, discussions, Explanation, Recognition, Utilization of concepts Philosophy, principles, Planning HCD system, Health education, Epidemeiology, Health legislation, concept of population Projects, community health nursing statistics, family welfare programmes .

Community Medicine with respect of Epidemeiology in the study of health and diseases.

1. Communicable diseases
2. Non – Communicable diseases

DEMONSTRATION:

Posting to primary health centers may be done accordingly.

REFERENCE:

1. Ashtanghrudayam : Sus. Samhithas
2. Text of Preventive medicine and sociology – K.PARK

MARK DISTRIBUTION

Part A- Ayurveda

Unit I : 50 marks

Part B : Modern

unit I : 50 marks

THIRD YEAR B.Sc NURSING

PART I - NURSING V

Paper V – Panchakarma II

Introduction II:

* **Unit I**

Sasthrakarma : Definition, types indications, CI's , Pre and Post measures, Prime Procedures samyak and Asamyak Lakshanas, Contraindicated areas, Instruments - of the following procedures.

- a. KSHARAKARMA
- b. AGNIKARMA
- c. REKTHAMOKSHA
 1. JELOOKAVACHARANA
 2. SIRAVEDHA
 3. PRACHHĀNNA

Detailed knowledge about the Pre, Main and Post procedures of the following:

Dhoomapānavidhi, Kabala, Gandoosha, Anjana, Aschodana, Bidalaka, Moordhathaila, Lepana, Prathisarana, Tharpana, Pudapaka, Urovasthi, Katēvasthi, Kshālana, Yonikshālana, Yonipichu, Varthi, Poorana, Kshāradahana, Utharavasthi **KERALEEYA**

CHIKITSAKRAMAM

- Pizhichil
- Uzhichil
- Pindaswedas (– all types –)
- Annalepana
- Sirodhāra

- Thakradhara
- Thalapothichil
- Thalam
- Kayaseka (all types)

DEMONSTRATION:

Corresponding OPD's and IPD's postings and all panchakarma practical procedures.

REFERENCE

1. Ashtnaga Samgraha. Charaka , Susruta , Panchakarma Parichaya
2. Keraleeya Chikitsakramam – Vasudeva vilasam publications
3. Charakasamhitha
4. Panchakarma – Manakodan kesavan vaidyan
5. Karmaparichayam – Vaidyabooshanam K.Raghavan Thirumulppad
6. Ayurveda Panchakarmachikitsa – Kaikulangaraa Ramavariar

MARK DISTRIBUTION

Part A – Unit I : 50 marks

Part B – Unit II : 50 marks

Paper II : Manasikarogiparicharanam

AYURVEDIC VIEW

Unit I

Definition, Nature of Mind in Ayurveda, contriversing regarding it , Physical nature of mind, comparison of modern behavioristic view . Contriversing regarding the sight of mind, Guna

– karma – manorogoushadga, concept prajnanapradha, Definition of Budhi, smruthi , Lakshanas, Vibramsalakshanas, Asasthmayartha, Parinama, Prajnaparadha- descriptions

Rajasthamoguna-. Eteology, Pathology of symptoms of Unmada apasmāra Mansika Rogas. Drug and Alcohol abasement and its management, Grahabhādhā and its management, Yokshaapasmara , Adhathwabinivesa, Adhravya Chikitsa – Spiritual healing , Classification Rational persuasions – Dhairya, Samvrudha and Dharaneeyavedhas, Pathology and Symptoms of apathanthraka, Sokaja and Baya.... Athisara, Nidhrakasa, Aeteology , Treatment sokaja and Kamajajwara.

SPECIALIZED TREATMENT – FERTINITY IN MANOROGAS

Unit II

Thalam , Thalapothichil, Sirodhāra, Snehapāna, Virechana, Specialized care for Psychic Patient and their social rehabilitation.

MODERN ASPECT

Unit III

PART I – NURSING V

Classes by Psychiatric Nursing faculty	– 6 hrs	Psychiatric Social worker	–
5 hrs			
Clinical Psychologist	– 5 hrs		
Psychiatrist	– 2hrs		

Objectives

1. Students should develop positive attitude towards Mental Health & Mental illness.
2. Describe the Psychopathology & Clinical manifestation of Mental Illness.
3. Establish therapeutic relationship with clients.
4. Provide nursing care to Psychiatric Patients.
5. Identify the role of Psychiatric Nurse in different settings.

GENERAL AWARENESS AND ROLE OF NURSES IN THE FOLLOWING TOPICS

i.) Introduction

History of Psychiatry Epidemiology Current trends

Mental health (Definitions, Criteria, Contributing factors)

- Personality Development
- Psychoanalytic theory
- Psycho Social Theory
- Interpersonal Theory
- Behaviouristic theory
- Stress & Adaptation
- Defense Mechanism

ii.) Introduction

1. Introduction to Psychiatric Nursing

- Role of Psychiatric Nursing
- Theoretical approaches to Psychiatric Nursing

iii) Psychiatric assessment

- Case taking
- Interview technique
- Therapeutic – Nurse client relationship
- Mental status examination
- Nursing diagnosis

- Care plan Process recording

IV) Treatment of Psychiatry

- Psycho – Pharmacology
- ECT
- Other therapies

Nurses role : in administration of psychopharmacological agents

- Caring patients undergoing ECT
- Psycho social therapies
- Psychotherapy
- Behavior therapy
- Family therapy
- Occupational therapy

vi) Etiology

- Organic Mental disorders
- Schizophrenia & Delusional disorders .
- Mood (Affective Disorders)
- Substance Abuse Disorder
- Neurotic Stress related & somatoform disorders
- Personality Disorders
- Sexual Disorders
- Eating Disorders
- Mental retardation
- Childhood disorders
- Psychiatric emergencies

viii) Psychiatric Rehabilitation

Community Psychiatry

Role of the psychiatric nurse in rehabilitation Community psychiatry
Approaches , levels of prevention principles National mental health programme.

ix) Legal aspects & future challenges

- Mental health act
- Legal aspects responsibility of the Psychiatric nurse
- Future challenges in psychiatric nursing
- Admission & Discharge of Mentally ill patients

CLINICAL FACILITIES

1. Psychiatric departments in affiliated Hospitals
2. Observation visit
 - School for mentally retarded children
 - Psychiatric rehabilitation centre
 - Geriatric old age home .

DEMONSTRATION

Corresponding postings to OPD's and IPD's, accordingly.

REFERENCE:

1. Ashtanga Hrudaya– Charaka, Susrutha
2. Psychopathology in Indian Medicine – Satya Pal Gupta
3. Psychology for nursing students – Dr. N. Balachandran

MARK DISTRIBUTION PART A

Unit I : 50 Marks

Part B

Unit II : 25 marks (Ayurveda)

Unit III : 25 marks (Modern)

Paper –III – Sisuparicharanam

- * Introduction
- * Definition
- * Divisions
- * Detailed balopacharaneeya.
- * Bālarogaupachara
- * Bālamayaprathikshedha
- * Balagrahaprathikshedha and related upacharakrama
- * Visarpachiktsa upachara
- * Phakkaroga chikitsa and its upachara Phakkaretha, Dantodbhedajanya roga Chikitsa- Upacharas.

SPECIALISED KERALEEYA TREATMENT

Uramarunnu prayogam

Child nutrition – Cereals , Medicated Cereals and preparations

Pediatric Posology and its mode types of administration, Kumaragāraavidhi, Aseptic measures in pediatric care - Prasovothara Vyadhi Chikitsa Upachara.

MODERN PART

Unit I

Introduction to child health nursing, growth and development of children at different age level. Nursing in Managements of highrisk New born, Review pediatric, Management of Pediatric diseases Nutrition and Nutritional problems in children . Systemic disorders, pertaining to Respiratory, Cardiovascular, Haematological, Gastrointestinal , Nervous system, Geneto urinary systems. Infectious diseases and pediatric causality management. Child health procedures and immunization methods .

DEMONSTRATION

Pediatric OPD's and IPD's and primary health centers.

REFERENCE:

1. Ashtanga Hrudaya, Charaka & Kasyapa smahithas.
2. Text book of Pediatric Nursing – Harjith Singh
3. Essential pediatrics – O.P. Ghai

MARK DISTRIBUTION

Part A – Ayurveda

Unit I : 50 marks

Part B – Modern

Unit I : 50 marks

PART II – NURSING VI

Paper IV – Nursing Research and Statistics.

Aim : Recognition, description , Discussion, Identification, and critical reviewing of research studies with applied aspect of Nursing .

Unit I

- * Definition of Research : Basic, Applied, Historical, Descriptive, Experimental Research strategies.

Unit II

- * Steps of research processes – Sources, Problem, Objectives, Hypothesis, review of literature, Research design, data collection, Pilot studies, Projects.

STATISTICS

Different modes of bio – statistics comprising of levels of measurement descriptive statistics, presentation of data, measures of central tendency, measures of variability correlation using computer for data analysis.

DEMONSTRATION

Preparing a nursing project depended upon the subject given.

REFERENCES:

1. Research methods - Donald H.M.C Burney

FOURTH YEAR BSc NURSING COURSE

PART I – NURSING VI

Paper I – Maternity and gynaecological nursing.

Introduction

Definitions: Reproductive Physiology, Regimens, Garbhini Vijnanam, Pumsavana Upacharana, Garbhavyapath , Yonivyapath and its nursing care, Soothikopacharam, soothikavijnanam, Sthreroga Chikitsa Upacharanam- Pichu , Utharavasthi, Yonikshalanam , Yoniporanam and the identification of instruments which are using in the gynecological and obstetrical operating procedures.

MODERN PART

Introduction to maternity Nursing, fetal development, assessment and management of Anti natal period , assessment and management of intra natal period . Assessment and management of puerperium, assessment and management of new born , high risk pregnancy management, abnormality of labour .

Abnormalities and complications of Puerperium, highrisk new born nursing management, Pharmacotherapeutics in obsteritics .
Epidemeiology in Obstetrics.

GYNAECOLOGY

Introduction, Gynaecological assessment, DUBs, Infertility, Operative Gynaecology, Structural and functional diseases of genital tracks, infection of female genital tracts .

DEMONSTRATION :

Obstetrics. and gynecological postings in Ayurvedic and Medical Colleges.

REFERENCES:

1. Ashtanga hrudhaya, charakam, Susrutha samhithas
2. Text book of human gynecology - Dutta DC

MARK DISTRIBUTION

Part A – Ayurveda

Unit I : 50 marks

Part B – Modern

Unit I : 50 marks

Paper II - Samoohya Swasthya Samrakshan

Introduction, Identification, Functions, demonstration, Recognition, and application of community health problems, health care, Health administration, supervision , development programmes, Principles of research.

Unit – I

- * Family health care

Unit II

- * Family finance budgeting

Unit III

- * Community identification

Unit Iv

- * Community health nursing administration

Unit VI

- * Community health development programmes

Unit VII

- * Research in community health nursing.

DEMONSTRATION

Practical experience covering all aspects of community health nursing

REFERENCE:

1. Text book of Social preventive medicine and sociology - PARK
2. Essential of Community health nursing - PARK

MARK DISTRIBUTION

Part A

Unit I : 20 marks

Unit II : 20 marks

Unit III : 10 marks

Part B

Unit IV : 20 marks

Unit V : 15 marks

Unit VI : 15 marks

PART III - EDUCATION AND ADMINISTRATION

Paper III. Nursing education

Introduction: Description, Explanation, Identification, Demonstration, Evaluation, Teaching aids, Evaluation of student performance of all aspects of nursing education, concepts, principles .

Unit I

- * Education –aims, types , Agencies, Dimensions .

Unit II

- * International, National and State level development of Nursing Education

Unit III

- * Definitions, Philosophy of Nursing Education

Unit IV

- * Definition of Educational Objectives, types, elements, Qualities.

Unit V

- * Definition of curriculum development, types, Principles, Factors Preparations, Course plan

Unit VI

- * Teaching – Definition, Principle, Role, Review

Unit VII

- * Teaching – Methods, Lecture, Seminar, Role play, Brain storming, Micro teaching modules , Clinical teaching, Nursing rounds and presentation,

Unit VIII

- * Education evaluation, Definition , Purposes, types , Principles.

Unit IX

- * Aims of discipline in education, principles.

DEMONSTRATIONS

Practical Experience of the above concepts at different stages

REFERENCE

1. Text book of Preventive medicine and sociology – K. PARK
2. Fundamentals of Nursing - Potterperry
3. Principles and Practices of Nursing . – Sr. Nancy

MARK DISTRIBUTION

Part A

Unit I to V : 10 marks each

Part B

Unit VI : 20 marks

Unit VII, VIII, IX : 10 marks each.

Paper IV: NURSING ADMINISTRATION

Aim: -

This course orients the students to the philosophy and objective of nursing service and cool administration on completion of the course the student explains the principles and techniques of administration and applies it to nursing service and education.

SECTION - A

Unit – I

- * Introduction
- * Definition and principles of administration with management

Unit II

- * Functions of the nursing service administrate.
- * Duties and responsibilities of Nursing Superintendent.

Unit III

- * Administration of the Nursing service unit.
- * Factors affecting ward management.
- * Role of the Head Nurse – Patient care
- * Ward Management – Supervision – evaluation .
- * Planning Nursing Service unit – Physical facilities, floors space.
- * Assignment of patients – Different methods – Delegation of duties . Time planning

Unit IV - Personnel (Human resource Management)

Unit V – Material Management

Unit VI – Leadership and supervision

- * Supervision – Principles, methods and technology.

Unit VII – financial management and budgeting

- * Definition, principles and purposes.

Unit VIII – Evaluation .

- * Nursing Audit.

Unit IX – Issues and problems in nursing service administration

- * Expanded roles of nurses
- * Career development

SECTION B

Unit I

- * Introduction, Historic development.

Unit II

- * Administration of Faculty – Selection, recruitment and appointment.

Unit III

- * Administration of Students – Selection and recruitment.

Unit IV

- * Administration of Non – teaching staff.

Unit V

- * Administration of Curriculum

Unit VI

- * Evaluation

Unit VII

- * Administration of finance.

Unit VIII

- * Records and reports – Students and staffs records .

Unit IX

- * Public relations - Meaning importance.

Unit X

- * Professional organization and opportunities

Unit XI

- * Current issues and problems in Nursing Education and Administration.

REFERENCES

1. Principles of Administration applied to nursing service – Goddard .M
2. Principles and practices of Nursing – Sr. Nancy

MARK DISTRIBUTION

Part A

Unit I to VII : 35 marks

Unit VIII to IX : 15 marks

Part B

Unit I to XI : 50 marks each.

2.11 No: of hours per subject

As given under clause 2.10

2.12 Practical training

As given under clause 2.10 & 2.9

2.13 Records

To be maintained for all Practical Work

2.14 Dissertation: As per Dissertation Regulations of KUHS

Not Applicable

2.15 Speciality training if any

As given under clause 2.10

2.16 Project work to be done if any

As given under clause 2.10

2.17 Any other requirements [CME, Paper Publishing etc.]

A certified practical Record is compulsory for each subject and that will be evaluated at the time of concerned Practical Examination. A maximum of 10 marks shall be given for the record.

2.18 Prescribed/recommended textbooks for each subject

As given under clause 2.10

2.19 Reference books

As given under clause 2.10

2.20 Journals

List of Journals

1. Journal of Ayurveda – National Institute of Ayurveda, Department of AYUSH, Madhav Vilas Palace, Amer Road, Jaipur – 302002. Chief Editor – Prof. Mahendra Singh Meena, Director.
2. AYU - An International Quarterly Journal of Research in Ayurveda The Executive Editor- AYU, Room No.412, 4th Floor, New Institute for Post Graduate Teaching and Research in Ayurveda building, Gujarat Ayurved University, www.ayujournal.org/ Chief Editor Prof. P.K. Prajapati Director, IPGT & RA, Gujarat Ayurved University, Jamnagar
3. JRAS - JOURNAL OF DRUG RESEARCH IN AYURVEDA AND SIDDHA. *Journal of Research in Ayurveda and Siddha* ccras.nic.in/publication/JournalofResearchinAyurvedaSiddha.htm Chief Editor – Prof. Vd. K.S.Dhiman, Director General, CCRAS, New Delhi.
4. Journal of Research in Ayurveda and Siddha, Chief Editor – Prof. Vd. K.S.Dhiman, Director General, CCRAS, New Delhi.
5. Journal of Indian Medical Heritage, Chief Editor – Prof. Vd. K.S.Dhiman, Director General, CCRAS, New Delhi.
6. Arya Vaidyan – Chief Editor, Dr. M.R. Raghava Varrier, Department of Publications, Aryavaidyasala, Kottakkal.
7. *Ancient Science Life*, Official publication of AVP Research Foundation, Coimbatore, India. www.ancientscienceoflife.org/
8. *HEALTH SCIENCES - healthsciences.ac.in/*Open Access Peer Reviewed E-Journal. kerala University of Health Sciences, Thrissur.
9. Journal of Indian Systems of Medicine. Editor – Dr. K.S.R. Prasad, Datta Megha Institute of Medical Sciences, Wardha – 442004, Maharashtra

10. J-AIM – Journal of Ayurveda and Integrative Medicine. Editor in Chief – Bhushan Patwardhan, FRLHT, P.O. Attur, Via Elahanka, Bangalore – 560064
11. Ayurveda Vikas – Editor, Ayurveda Vikas, Dabur Tower, Kaushambi, Shahidabad, Gaziabad Dist.,U.P. 201010
12. Dhanwantari – Managing Editor, Amrita Danwantari, PNNM Ayurveda College, Cheruthuruthy, Shornur, Kerala. – ISSN 2349 – 123x
13. IJAR – International Journal of AyurvedaResearch, AYUSH, Govt. of India,Ministry of Health & Family Welfare, Red Cross Building, New Deli – 110001.
14. IJNPR - Indian Journal of Natural Products & Resources, CSIR – NISCAIR
15. IJTK - Indian Journal of Traditional Knowledge, National Institute of Science Communication and Information Resources, Dr K.S. Krishnan Marg, (Near Pusa Gate), New Delhi – 110012
16. PROBE, The Editor, Scientific Publications Divisions, The Himalaya Drug Company, Makali, Bangalore – 562123.
17. International Journal of Research in Ayurveda and Pharmacy (IJRAP), dr. Shalini Sharma, Administrative Office, Moksha Publishing House, 42-A, Anand kunj, Tilak Nagar Colony, Rampur – 244901, UP.
18. Glitters of Ayurveda, Publication Division,SNIASR, Puthoor, Kollam. E-mail: snayurveda@gmail.com

2.21 Logbook

To be maintained for all academic works and shall get countersigned by the concerned HOD

3.EXAMINATIONS

3.1 Eligibility to appear for exams

A candidate is required to put in at least 80% attendance in theory and practical subjects separately in a recognized institution approved by and affiliated to Kerala University of health sciences.

The internal marks will be awarded by the HOD on the basis of the assessment done by the faculty relating to the class tests, assignments, performance in the seminar, class participation etc. A candidate must obtain 35% of marks in internal assessment to be eligible to write the university examination. The class average of internal assessment marks should not exceed 75%.

3.2 Schedule of Regular/Supplementary exams

There will be two examinations in a year (regular and supplementary), to be conducted as per notification issued by university from time to time. Supplementary examination shall be conducted by the university for the benefit of unsuccessful candidates. The supplementary examination shall be conducted within six months from the date of announcement of results.

3.3 Scheme of examination showing maximum marks and minimum marks

DISTRIBUTION OF MARKS

I YEAR BSC DEGREE EXAMINATION IN AYURVEDA

PART	SUBJECT	TOTAL MARKS	MINIMUM MARKS FOR PASS
<hr/>			
PART I	BIOLOGICAL SCIENCES		
<hr/>			
Paper – I	Basic Concepts of Ayurveda & Sanskrit		
	Written University Exam	100	50
	Class Average	50	25
	University Oral Examination	50	25
<hr/>			
	Total:	200	100

Paper – II Sareera Rachana Vijnanam

Written University Exam	100	50	
Class Average	50	25	
University Oral Examination	25	} 50	25
Practical Examination	20		
Record	5		
<hr/>			
Total :	200		100

Paper III – Sareera|Kriya Vijnanam

Written University Exam	100	50	
Class Average	50	25	
University Oral Examination	25	} 50	25
Practical Examination	20		
Record	5		
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Total :	200		100

PART	SUBJECT	TOTAL MARKS	MINIMUM MARKS FOR PASS
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PART II – SOCIAL AND BEHAVIOURAL SCIENCES

Paper IV Sociology and general Psychology

Written University Exam	100	50
Class Average	50	25
University Oral Examination	50	25

Total : 200 100
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PART III – COMMUNITY HEALTH

Paper V - Swasthavrutha – I

Written University Exam	100	50
Class Average	50	25
University Oral Examination	25	} 50 25
Practical Examination	20	
Record	5	

Total : 200 100
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PART IV – NURSING I

Paper - vi Foundations of Nursing and first aid

Written University Exam	100	50
Class Average	50	25
Practical & Oral University Exam	100	50

Total :	250	125
		<hr style="border-top: 3px double black;"/>

PART	SUBJECT	TOTAL MARKS	MINIMUM MARKS FOR PASS
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PAPER – VII - PANCHAKARMA – I

Written University Exam	100	50
Class Average	50	25
Oral Examination	50	} 100 50
Practical Examination	40	
Record	10	
Class Average	50	25

Total :	300	150
		<hr style="border-top: 3px double black;"/>

PART – V – i. COMPUTER SCIENCE } **No University Examination**
ii. YOGA }

Class Average 100 50

Grand Total	1650	825
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II YEAR BSc NURSING (AYURVEDA)

PART	SUBJECT	TOTAL MARKS	MINIMUM MARKS FOR PASS
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PART – I – NURSING II

Paper i Medical Nursing

Written University Exam	100	50
Class Average	50	25
Oral Examination	50	} 100
Practical Examination	40	
Record	10	
Class Average	50	25

Total : 300 150

Paper ii – Pharmacological Nursing & Dietetics

Written University Exam	100	50
Class Average	50	25
University Oral Examination	50	25

Total : 200 100

PART	SUBJECT	TOTAL MARKS	MINIMUM MARKS FOR PASS
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PART – II – NURSING III

Paper iii - Salyaskarna Paricharana

Written University Exam	100	50
Class Average	50	25
Oral Examination	50	} 100
Practical Examination	40	
Record	10	
Class Average	50	25
Total :	300	150

Paper – iv – Salyaskarna Paricharana

Written University Exam	100	50
Class Average	50	25
Oral Examination	50	} 100
Practical Examination	40	
Record	10	
Class Average	50	25
Total :	300	150

PART	SUBJECT	TOTAL MARKS	MINIMUM MARKS FOR PASS
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PART III - NURSING V

Paper v - Swasthasvrattha - II

Written University Exam	100	50
Class Average	50	25
University Oral Examination	50	25
Total :	200	100

Grand Total :	1300	650
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THIRD YEAR BSc NURSING

PART	SUBJECT	TOTAL MARKS	MINIMUM MARKS FOR PASS
PART - I NURSING V			

Paper - I - Panchakarma II -

Written University Exam	100	50
Class Average	50	25
Oral Examination	50	} 100
Practical Examination	40	
Record	10	
Class Average	50	25
Total :	300	150

Paper II - Manasikarogeparicharanam

Written University Exam	100	50
Class Average	50	25
Oral Examination	50	} 100
Practical Examination	40	
Record	10	
Class Average	50	25
Total :	300	150

PART	SUBJECT	TOTAL MARKS	MINIMUM MARKS FOR PASS
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Paper iii – Sisuparicharana

Written University Exam	100	50
Class Average	50	25
Oral Examination	50	} 100
Practical Examination	40	
Record	10	
Class Average	50	25
Total :	300	150

PART – II – NURSING RESEARCH

Paper – iv – Nursing Research and Statistics

Written University Exam	100	50
Class Average	50	25
University Oral Examination	50	25
Total :	200	100

Grand Total : 1100	550
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FOURTH YEAR BSc NURSING (AYURVEDA)

PART	SUBJECT	TOTAL MARKS	MINIMUM MARKS FOR PASS
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PART – I – NURSING – VI

Paper – i – Maternity & Gynaecological Nursing

Written University Exam	100	50
Class Average	50	25
Oral Examination	50	} 100
Practical Examination	40	
Record	10	
Class Average	50	25
Total :	300	150

Paper – ii – Samoohya Swasthyasamrakshanam

Written University Exam	100	50
Class Average	50	25
Oral Examination	50	} 100
Practical Examination	40	
Record	10	
Class Average	50	25
Total :	300	150

PART	SUBJECT	TOTAL MARKS	MINIMUM MARKS FOR PASS
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PART – II – NURSING VII

Paper – iii – Nursing Education

Written University Exam	100	50
Class Average	50	25
Oral Examination	50	} 100
Practical Examination	40	
Record	10	
Class Average	50	25
Total :	300	150

Paper – iv – Nursing Administration

Written University Exam	100	50
Class Average	50	25
University Oral Examination	50	25
Total :	200	100

SCHEME OF EXAMINATION

1ST YEAR B.Sc NURSING (AYURVEDA) EXAMINATION

PART	SUBJECT	THEORY (DURATION)	PRACTICAL (DURATION)	VIVA
<u>PART I – BIOLOGICAL SCIENCES</u>				
Paper – I	Basic concepts of Ayurveda & Sanskrit	3 hrs	--	yes
Paper – II	Sareera Rachana Vijnanam	3 hrs	3 hrs	yes
Paper – III	Sāreere Kriya Vijnanam	3 hrs	3 hrs	yes
PART – II – SOCIAL AND BEHAVIOURAL SCIENCES				
Paper – IV	Sociology and general psychology	3 hrs	--	yes
PART – III – COMMUNITY HEALTH				
Paper – V	Swasthavruttha – I	3 hrs	Yes	yes
PART – IV – NURSING I				
Paper – VI	Foundations of Nursing and first aid .	3 hrs	3 hrs	Yes

PART	SUBJECT	THEORY (DURATION)	PRACTICAL (DURATION)	VIVA
Paper VII – Panchakarma I		3hrs	3hrs	Yes

PART - V – i. COMPUTER SCIENCE

Only Internal Assessment

ii. YOGA

II YEAR BSc NURSING COURSE

PART-I -NURSING I

Paper – I - Medical Nursing	3 hrs	3hrs	yes
Paper – II – Pharmacological Nursing & Dietetics	3 hrs	--	yes

PART-II-NURSING-III

Paper III – Salyakarma Paricharana	3 hrs	3 hrs	yes
Paper IV – Salakyakarma Paricharana	3 hrs	3 hrs	yes

PART III- NURSING-IV

Paper V - Swasthavruttha – II	3 hrs	--	yes
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THIRD YEAR BSc NURSING COURSE.

PART-I-NURSING V

Paper – I – Panchakarma II	3 hrs	3 hrs	yes
Paper – II – Manasikarogi Paricharana	3 hrs	3 hrs	yes
Paper – III – Sisuparicharana	3 hrs	3 hrs	yes

PART-II-NURSING RESEARCH

Paper IV – Nursing Research and Statistics.	3 hrs	---	yes
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FOURTH YEAR BSc NURSING COURSE

PART-I-NURSING-VI

Paper – I – Maternity & Gynaecological Nursing .	3 hrs	3 hrs	yes
Paper – II – Sāmoochya swasthyasamrakshanam	3 hrs	3 hrs	yes

PART-II-EDUCATION & ADMINISTRATION

Paper – IV – Nursing Education	3 hrs	3 hrs	yes
Paper – V – Nursing Administration	3 hrs	--	yes

HOUR DISTRIBUTION

I YEAR BSc NURSING COURSE

Course of Study for the first year B.Sc Nursing (Ayurveda), shall be one academic year and comprise the study of the following subjects ,

PART	SUBJECT	No. of Theory Hrs	No. of Practical Hrs
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PART-I BIOLOGICAL SCIENCES

Paper – I Basic concepts of Ayurveda & Sanskrit	65 hrs 25 hrs	
Paper – II Sareera Rachana Vijnanam	80 hrs	20 hrs
Paper – III Sāreera Kriya Vijnanam	80 hrs	10 hrs
	-----	-----
Total :	250 hrs	30 hrs

PART-II-SOCIAL ANDBEHAVIOURAL SCIENCES

Paper – IV Sociology and general psychology	80 hrs	-
	-----	-----
Total :	80 hrs	-

PART-III-COMMUNITYHEALTH

Paper – V Swasthavruttha – I	80 hrs	60 hrs
	<hr/>	
Total :	80 hrs	60 hrs
	<hr/>	

PART-IV-NURSINGI

Paper – VI – Foundations of Nursing and first aid .	250 hrs	330
Paper VII – Panchakarma I	110hrs	90
	<hr/>	
Total :	360 hrs	420 hrs

PART - I – i. COMPUTER SCIENCE	20 hrs	40 hrs
ii. YOGA	20 hrs	20 hrs
	<hr/>	
Total :	40 hrs	60 hrs
	<hr/>	

Grand Total (theory) : 810 hrs = 31 hrs per weeks x 26 weeks + 4 hrs extra is added

Grand total (Practical) : 570 hrs = 38 hrs per week x 15 weeks

Vacation / Holidays = 6 weeks

Preparation for the Examination = 2 weeks

Examination = 3 weeks

Total : 52 weeks

II YEAR BSc NURSING COURSE

PART	SUBJECT	No. of Theory Hrs	No. of Practical Hrs
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PART-I-NURSINGII

Paper – I - Medical Nursing	170 hrs	440 hrs
Paper – II – Pharmacological Nursing & Dietetics	45 hrs	40 hrs
Total :	215 hrs	480 hrs

PART-II-NURSING-III

Paper III – Salyakarma Paricharana	90 hrs	400 hrs
Paper IV – Salakyakarma Paricharana	80 hrs	160 hrs
Total	170 hrs	560 hrs

PARTIII- NURSING-IV

Paper V - Swasthavritha – II	80 hrs	120 hrs
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Grand Total (theory) : 465 hrs = 35 hrs per weeks x 13weeks + 10 hrs extra

Grand Total (Practical) : 1160 hrs = 41 hrs per week x 28 weeks + 12 hrs extra

Vacation / Holidays : 6 weeks

Preparation for the Examination = 2 weeks

Examination = 3 weeks

Total : 52 weeks

THIRD YEAR BSc NURSING COURSE.

Course of Study for the third year B.Sc Nursing (Ay), shall be one academic year and comprise the study of the following subjects,

PART	SUBJECT	No. of Theory Hrs	No. of Practical Hrs
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PART-I-NURSINGV-Includingclinicalposting

Paper – I – Panchakarma II	110 hrs	430 hrs
Paper – II – Manasikarogi Paricharana	100 hrs	370 hrs
Paper – III – Sisuparicharana	100 hrs	400 hrs
	310 hrs	1200 hrs

PART-II-NURSINGRESEARCH-

Paper IV – Nursing Research and Statistics .	50 hrs	80 hrs
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Grand Total : 360 hrs 1280 hrs

Grand Total (theory) : 360 hrs = 30 hrs per weeks x 12 weeks

Grand total (Practical): 1280 hrs = 44 hrs per week x 29 weeks + 4 hrs extra

Vacation / Holidays = 6 weeks

Preparation for the Examination = 2 weeks

Examination = 3 weeks

Total : 52 weeks

FOURTH YEAR BSc NURSING COURSE

PART	SUBJECT	No. of Theory Hrs	No. of Practical Hrs
<u>PART – I – NURSING – VI – Including clinical posting is added</u>			
Paper – I – Maternity & Gynaecological Nursing .		120 hrs	660 hrs
Paper – II – Sāmoohya swasthyasamrakshana		60 hrs	320 hrs
<u>PART – II – EDUCATION & ADMINISTRATION</u>			
Paper – IV – Nursing Education		80 hrs	160 hrs
Paper – V – Nursing Administration		60 hrs	160 hrs
	Total :	320 hrs	1300

Grand Total (theory) : 320 hrs = 36 hrs per weeks x 9 weeks

Grand Total (Practical) 1300 hrs = 40 hrs per week x 32 weeks + 20 hrs extra

Vacation / Holidays = 6 weeks

Preparation for the Examination = 2 weeks

Examination = 3 weeks

Total : 52 weeks

Mark List Showing Maximum & Minimum

KERALA UNIVERSITY OF HEALTH SCIENCES

THRISSUR – 680 596

STATEMENT OF MARKS

Name of the Candidate

Reg No.

Name of the college

Name of course : BSc Nursing ayurveda

Examination : **First Year BSc Nursing Ayurveda Examination**

Year and month of Publication

Date of publication

:.....

Sl. No.	Subjects	Theory			Practical/Viva			Total			Result
		Max	Min	Awar ded	Max	Min	Awar ded	Max	Min	Awar ded	
1	Basic concept of ayurveda & sanskrit	100	50		50	25-	-	150	75		
2	Sareera Rachana Vijnanam	100	50		100	50		200	100		
3	Sareera Kriya Vijnanam	100	50		100	50		200	100		
4	Swasthavritta I	100	50		100	50		200	100		
5	Sociology & General Psychology	100	50		50	25		150	75		
6	Foundation of Nursing with first aid	100	50		100	50		200	100		
7	Panchakarma I	100	50		100	50		200	100		
Grand Total								1300	650		

A- Absent, P- passed, F-failed

Checked by

Asst

SO

AC/AR/DR

Controller of Examination

KERALA UNIVERSITY OF HEALTH SCIENCES

THRISSUR – 680 596

STATEMENT OF MARKS

Name of the Candidate

Reg No.

Name of the college

Name of course : BSc Nursing ayurveda

Examination :**Second Year BSc Nursing Ayurveda Examination**

Year and month of Publication

Date of publication

:.....

Sl. No	Subjects	Theory			Practical/Viva			Total			Result
		Max	Min	Awarded	Max	Min	Awarded	Max	Min	Awarded	
1	Medical Nursing	100	50		100	50		200	100		
2	Pharmacological Nursing & Dietics	100	50		50	25	-	150	75		
3	Shalyakarma Paricharana	100	50		100	50		200	100		
4	Shalakyakarma Paricharana	100	50		100	50		200	100		
5	Swasthavritta II	100	50		50	25	-	150	75		
Grand Total								900	450		

A- Absent, P- passed, F-failed

Checked by

Asst

SO

AC/AR/DR

Controller of Examination

KERALA UNIVERSITY OF HEALTH SCIENCES

THRISSUR – 680 596

STATEMENT OF MARKS

Name of the Candidate

Reg No.

Name of the college

Name of course : BSc Nursing ayurveda

Examination :**Third Year BSc Nursing Ayurveda Examination**

Year and month of Publication

Date of publication

:.....

Sl · N o.	Subjects	Theory			Practical/Viva			Total			Result
		Max	Min	Awar ded	Max	Min	Awar ded	Max	Min	Awar ded	
1	Panchakarma II	100	50		100	50		200	100		
2	Manasikaroga Paricharana	100	50		100	50		200	100		
3	Sisu Paricharana	100	50		100	50		200	100		
4	Nursing Research & Statistics	100	50		50	25	-	150	75		
Grand Total								750	375		

A- Absent, P- passed, F-failed

Checked by

Asst

SO

AC/AR/DR

Controller of Examination

KERALA UNIVERSITY OF HEALTH SCIENCES

THRISSUR – 680 596

STATEMENT OF MARKS

Name of the Candidate

Reg No.

Name of the college

Name of course : BSc Nursing ayurveda

Examination: **Fourth Year BSc Nursing Ayurveda Examination**

Year and month of Publication

Date of publication

:.....

Sl. No.	Subjects		Theory			Practical/Viva			Total			Result
			Max	Min	Awarded	Max	Min	Awarded	Max	Min	Awarded	
1	Maternity & Gynecological Nursing	university	100	50		100	50		200	100		
2	Samoohya Swastha Samrakshana	university	100	50		100	50		200	100		
3	Nursing education	university	100	50		100	50		200	100		
4	Nursing Administration	university	100	50		50	25		150	75		
Grand Total									750	375		

A- Absent, P- passed, F-failed

Checked by

Asst

SO

AC/AR/DR

Controller of Examination

3.4 Papers in each year:

As given under clause 2.10 and clause 3.3

3.5 Details of theory exams

Eligibility for appearing for University Examination: - There should be 80% attendance in all subjects (theory and practical separately) and a candidate must obtain 35% of marks in internal assessment in all subjects to be eligible to write the university examination. The class average of internal assessment marks should not exceed 75%.

Criteria for Pass: - A candidate should secure 50% aggregate marks in each subject with practical (theory + Practical + Viva) and in each subject without practical (theory + Viva) and 50% separately in University theory and University practical (Practical + viva).

Grace Marks: - Maximum 5 marks can be given to a subject or shall be distributed among different subjects for a whole pass or a subject pass (theory / Practical) as per the discretion of the pass board. No grace marks will be given for internal assessment.

Distribution of Marks: -

B Sc Nursing Ayurveda 1st year

Subject	Theory	Pass Min	Practical	Record	Viva	Total	Pass Min	Subject Total	Pass Min
Basic concept Ayurveda, Sans	100	50	---	--	50	---	--	150	75
Sareera rachana	100	50	40	10	50	100	50	200	100
Sareera kriya	100	50	40	10	50	100	50	200	100
Community health	100	50	40	10	50	100	50	200	100
Social and behavioral	100	50			50			150	75
Nursing I	100	50	50	--	50	100	50	200	100
Panchakarma	100	50	40	10	50	100	50	200	100
Total								1300	650

BSc Nursing Ayurveda IInd year

Subject	Theory	Pass Min	Practical	Viva	Record	Total	Pass Min	Subject Total	Pass min
Medical Nursing II	100	50	40	50	10	100	50	200	100
Pharmacological Nursing	100	50	--	50	--	--	--	150	75
Salyakarma Paricarana	100	50	40	50	10	100	50	200	100
Salakyakarma Paricarana	100	50	40	50	10	100	50	200	100
Swasthavrita II	100	50	--	50	--	--		150	75
Total								900	450

B Sc Nursing IIIrd year

Subject	Theory	Pass Min	Practical	Viva	Record	Total	Pass Min	Subject Total	Pass Min
Panchakarmall	100	50	40	50	10	100	50	200	100
Manasikaroga paricarana	100	50	40	50	10	100	50	200	100
Sisuparicarana	100	50	40	50	10	100	50	200	100
Nursing Research statistics	100	50	--	50	--	--	--	150	75
Total								750	375

B Sc Nursing IVth year

Subject	Theory	Pass Min	Practical	Viva	Record	Total	Pass Min	Subject Total	Pass Min
Maternity Gynaecological Nursing	100	50	40	50	10	100	50	200	100
Samoohya swastha	100	50	40	50	10	100	50	200	100
Nursing Education	100	50	40	50	10	100	50	200	100
Nursing Administration	100	50	--	50	--	--	--	150	75
Total								750	375

Note: This will be effected from 2013 examinations.

3.6 Model question Paper for each subject with question Paper pattern

a. Question Paper Pattern (when there is no section wise division)

Essays	: Two essays of ten marks each	(2X10=20)
Short Essays	: Ten short essays of five marks each	(10X5=50)
Short Notes	: Ten questions on concept clarifications for three marks each	(10X3=30)

b. Question Paper Pattern (when there is section wise division)

Section -A

Essays	: One essay of ten marks	(1X10=10)
Short Essays	: Five short essays of five marks each	(5X5=25)
Short Notes	: Five questions on concept clarifications	

	for three marks each	(5X3=15)
Section -B		
Essays	: One essay of ten marks	(1X10=10)
Short Essays	: Five short essays of five marks each	(5X5=25)
Short Notes	: Five questions on concept clarifications for three marks each	(5X3=15)

3.7 Internal assessment component

The internal assessment marks in theory/Practical shall be restricted to a maximum of 25% of the University Examinations –in Theory/Practical separately. The internal assessment marks in theory/Practical shall be on the basis of the assessment made by the teachers from the candidate's performance in the: Three (3) sessional examinations (evenly placed) conducted by the department, Laboratory work and seminars during the course of study. The third sessional examination should be conducted as model examination as that of University. The best of first two sessional examinations marks and the third sessional model examination (compulsory) should be included for calculating internal assessment marks. The marks secured by the candidates in each Paper/subject shall be forwarded to the university at the end of the course for university examinations. The class average of the sessional marks should not exceed 75%. The candidates who failed in the university examination will be allowed a separate internal assessment for both theory and practical including viva. The minimum requirement of internal assessment for appearing university examination shall be 35%. If a candidate not securing minimum internal assessment he / she should appear for next university examination (supple or regular) after securing minimum internal assessment. But student shall be promoted to the subsequent years. A regular record of theory and practical sessional marks shall be maintained for each student in the institution.

Practical Examination: A certified practical Record is compulsory for each subject and that will be evaluated at the time of concerned Practical Examination. A maximum of 10 marks shall be given for the record.

3.8 Details of practical/clinical practicum exams

As given under clause 3.7

3.9 Number of examiners needed (Internal & External) and their qualifications

The teachers and examiners should possess qualifications acquired from a University / Institution recognized by K.U.H.S. The teachers should possess post graduate degree from a university recognized by KUHS. To become

external/internal examiner a teacher should possess a minimum of three years of post P.G teaching experience in the concerned subject. The following are the faculty qualifications for teaching and becoming and Examiner.

3.10 Details of viva:

As given under clause 2.10

4. INTERNSHIP

4.1 Eligibility for internship

Not Applicable

4.2 Details of internship

Not Applicable

4.3 Model of Internship Mark lists

Not Applicable

4.4 Extension rules:

Any other leave other than eligible leave less than 6 months are to be compensated by extension granted by the principal.

4.5 Details of training given

Not Applicable

5. ANNEXURES

5.1 Check Lists for Monitoring: Log Book, Seminar Assessment etc. to be formulated by the curriculum committee of the concerned Institution.