

**Jeevak Ayurved Medical College & Hospital, Research Center
Kamlapur Chandauli (U.P.)
Course Schedule & Examination BAMS IInd Year 2016-17**

March		
Subject	Course	Test Date
Roga Nidan/ Pathology	1. Definition and importance of Roganidana. 2. Samanya Nidana and Samanya Lakshana of Dosha Prakopa and Dosha Kshaya. 3. Dosha Dhatu Ashraya Ashrayee Bhava. 4. Dhatu Kshaya Vriddhi Lakshana and Pradoshaja Vikara 5. Upadhatu Pradoshaja Vikara. 6. Mala Kshaya Vriddhi Lakshana and Pradoshaja Vikara. 2. 1. Introduction to pathology and its sub-divisions. 2. Introduction to Cell Injury and Cellular adaptations. 3. Definition and brief description of inflammation – Healing/repair 3. 1. Definition, synonyms and classification of Vyadhi. 2. Criteria for nomenclature of Diseases in Ayurveda (Vyadhinamakarana). 4. 1. Difference between Roga and Rogi Pariksha. 2. Importance of Nidan Panchaka. 5. 1. Importance and knowledge of Aptopadeshadi & Darshanadi Trividha, Chaturvidha, and Shadvidha Pariksha. 6. 1(a). Jwara (Jwarabheda- Ama, Pachyamana and Nirama Jwara, Punaravartaka Jwara, Vishama Jwara, Dhatugata Jwara, Charakokta Sannipata Jwara. Agantukajwara, 1(b). General mechanism of Fever, Introduction to the Aetiopathogenesis of Malaria, Typhoid, Dengue fever, influenza and Chikungunya	No Test
Practical	i Fundamental Principles of Laboratory Tests Introduction to laboratory, Sterilization, glass wares, solutions reagents and safety procedures.	
Dravyaguna Pharmacology	1- Dravyaguna Shastra Paribhasa Jeevani, Braghaniya, Lekhaniya, Bhedaniya, Sandhaniya gana Jeevaneeyagana, Astavarga, Jeevaniyapanchyamool, Introduction, Def. & Principle of General Pharmacology	No Test
Practical	Kanda- Guduchi & Asthishrankala	
Rasa Shastra & Bhaisajya kalpan	1- detail & history of Rasashastra & Rasashala 1- Maharasa 1- History & Kramik Vikas of Bhaisajya Kalpana 1- External Application Preparation	No Test
Practical	1- Rasa- Shodan, Kajjali, Mugdha rasa 1-Swaras, 2-Kalka, 3-Kwatha	
Charak samhita	Sutra sthan 1,2 Nidan 1	No Test

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April		
Subject	Course	Test Date
Roga Nidan/ Pathology	7. 1- Indriya Pradoshaja Vikara. 2. Hetu, Bheda and Lakshana of Agni Dushti. 3. Definitions and Samanya Lakshana of Ama. 4. Sama and nirama Dosha, Dushya Lakshana. 5. Dosha Paka and Dhatu Paka Lakshana. 6. Concept, classification, diagnosis and general complications of Avarana. 7. Doshagati. 8. Detailed study of Srotomoola and Srotodushti Samanya and Vishishta Hetu Lakshana and Viddha Lakshana of all Srotas. Differences between Sroto Dushti and Kha Vaigunya 8. 1 Bija, Bija Bhaga and Bija Bhaga Avayava Dushti. 2. Basic knowledge of Hereditary, Congenital, Acquired, Multifactorial, Traumatic and Environmental disorders. 9. 1-Definition and brief description of edema – shock – hemorrhage, Thrombosis, embolism, Ischemia and Infarction. 10- 1 Hetu - Definition, Synonyms and Classification. 2. Purva Rupa – Definition, Synonyms, Samanya, Vishishta purvarupa, 11- 1- Importance and Knowledge of Ashtasthana Pariksha. 12- 1a) Pandu, Amavata, Hridroga, Shotha. 1 (b) Introduction to Anaemia & its Classification, Rheumatic fever, Angina, Ischaemic Heart Disease, Hypertension, Myocardial Infarction.	No Test
Practical	ii Haematology 1 Haemoglobin estimation. 2 Blood cells counting - WBC, RBC, platelets. 3 Hematocrit /Packed cell volume (PCV).	
Dravyaguna Pharmacology	2-Dravya Deepaniya, Balya, Varnya, Kanthya, Hradya gana Kantakpanchyamool. Tranapanchyamool Drugs Acting on Autonomic Nervous System	No Test
Practical	Patra- Vasa & Kumari	
Rasa Shastra & Bhaisajya kalpan	2-Paribhasa Prakran 2-Uparasa 2-Fundamental Principle of Bhaisajya kalpana 2.1-Netraupcharak Kalpana	No Test
Practical	Maharasa- Abhrak Shodhan, Danyaabhrak, Shodhan of Makshika, Shilajeet, Sasyaka 4-Hima, 5- Phanta, 6-Pramathya	
Charak samhita	Sutra 3,4,5,6 Nidan 2,3 Viman 1	No Test

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May		
Subject	Course	Test Date
Roga Nidan/ Pathology	13. 1-Introduction to ICD Classification of Diseases of WHO and DSM classification. 2 -Samanyaja and Nanatmaja Vikara. Nidanarthakara Vyadhi, Hetu Sankara, Lingasankara, Vyadhisankara, Vyadhi Awastha. 14-1- Concept of Ashta Mahagada. 2- Introduction to Ashta Nindita. 15- 1- Nomenclature and classification of tumors - difference between benign and malignant tumors. 2- Introduction to Nutritional disorders – disorders of macro and micro nutrients. 16- 1. Rupa - Definition, Synonyms, Samanya & Pratyatma Lakshana. Difference between Vyadhi and Lakshana. 2- Upashaya / Anupashaya– Definition, Types and its importance in diagnosis. 17- 1 Importance and Knowledge of Karanadi Dashavidha Parikshya Bhava. 2. Importance and Knowledge of DashavidhaPariksha 18- 1. Kamala - Raktapitta - Vatarakta - Shitapitta – Maha Kushta –Visarpa–Shwitra and Introduction to Kshudra Kushta 2. Introduction to Hepatomegaly, Spleenomegaly, Leukaemia, Thalessemia, Sickle cell Anaemia. 3. Introduction to Urticaria, Psoriasis, Eczema, Pemphigus.	01/05/2018 Tuesday 10.30-12.30
Practical	1- Erythrocyte indices - MCV, MCH, MCHC. 2 -Peripheral blood smear, staining technique and differential leucocyte count. 3-Peripheral blood film examination in Anemia, Leukemia, Malaria, Filaria (Demonstration). 4- ESR.	
Dravyaguna Pharmacology	3-Guna Triptighana, Arshoghana, Kusthaghana, Kandughana, Krimighana Gana Vallipanchyamool, Madhyampanchyamool, Panchapallav Gastrointestinal System	05/05/2018 Saturday 2-5 PM
Practical	Puspa- Japa & Dhatri	
Rasa Shastra & Bhaisajya kalpan	3-Dravya Varga 3-Sadharanrasa Varga 3-Dravya mana & Dravya Graha Niyam 2.2- Nasyopacharath Kalpana	07/05/2018 Monday 2-5 PM
Practical	Uparasa- Shodhana of Gandhaka, Gairika, Kashisa, Kanshi, Haratala, Manahshila, Rasamanikya Nirmana 7-Mantha, 8-Panniya, 9- Laksha rasa	
Charak samhita	Sutra 7,8,9,10 Nidan 4,5 Viman 2	03/05/2018 Thursday 11.30-1.30

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June		
Subject	Course	Test Date
Roga Nidan/ Pathology	19-1- Importance and knowledge of Rogamarga. 2- Definition and classification of Vyadhikshamatva. 20- 1-Introduction to infectious diseases. 2. Introduction and classification of microorganisms such as virus-bacteria-fungus 21- 1. Samprapti – Definition, Synonyms and Type Samprapti Ghataka. 2- Shat Kriyakaala. Relationship between NidanaPanchaka and Shat Kriyakaala. 22- 1- Importance and methods of history taking, clinical examination and knowledge of Ancillary investigations. 23- 1-Introduction to Granthi, Arbuda and Arsha.	05/06/2018 Tuesday 10.30-12.30
Practical	Screening test for bleeding disorders- bleeding time (BT). Clotting time (CT), Demonstration of Prothrombin time (PT), Blood grouping - ABO system, Rh typing (Rhesus system).	
Dravyaguna Pharmacology	4- Rasa Vishaghna, Stanyajanan, Stanyasodhana, Shukrajana, Shukrashodhana gana Brihatpanchamool, Laghupanchyamool, Panchayavalkala, Drug acting on Kidney & Drug Affecting Blood & Blood formation	02/06/2018 Saturday 2-5 PM
Practical	Phala- Maricha, Madanphal & Vidanga	
Rasa Shastra & Bhaisajya kalpan	4. Brief Description of Yantra 4- Dhatu- Swarna, Rajat, Tamra, Lauha 4- Method of Dravya Collection & Self life 2.3- Dhumrapana Kalpan	04/06/2018 Monday 2-5 PM
Practical	Sadharan Rasa varga- hingu, Nausadar, kaparda 10-Arka, 11-Panaka, 12-Sharkara	
Charak samhita	Sutra 11,12,13,14 Nidan 6,7 Viman 3	07/06/2018 Thursday 11.30-1.30
July		
Subject	Course	Test Date
Roga Nidan/ Pathology	24-1. Concept of Satmya ,Asatmya and Viruddhaahara. 2- Ojas – types of Ojo Dushti- Visrimsa- Vyapad & Kshaya & It's Diseases. 25- 1- Upadrava/Udarka. 2-. ArishtaVigyan – Definition, Types and its importance. 3-. Sadhyasadyatwa – Types, their parameters and importance. 4-. General diagnostic principles of AnuktaVyadhi (Ch. Vi. 4). 26-1-. Basic Knowledge of tools for Avayavika Pariksha -	03/07/2018 Tuesday 10.30-12.30

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	ECG, USG and Radio imaging. 27-1. Sthoulya - Karshya – Prameha. 2. Introduction to Obesity and Diabetes Mellitus. 28- 1(a). Kasa - Shwasa - Hikka – Urahkshata – Shosha Rajayakshma. 1(b). Introduction to the aetiopathogenesis of Pneumonia, Pleural effusion, Bronchitis, Bronchiectasis, Bronchial Asthma.	
Practical	iii Urine Examination 1 Ayurveda anusara mutrapariksha. 2 Physical Examination - Volume, Reaction (Ph) & Specific Gravity. 3 Chemical Examination for - Proteins, Glucose, Phosphate, Ketone, Bile salts, Bile pigment. 4) Microscopic Examination.	
Dravyaguna Pharmacology	5- Vipaka Snehopag, Swedopag, Vamanopag, Virechanopag Asthapanopag gana Triphal, Trikatu, Trimad, Chatrusana, Panchakola, Sadausana Cardiovascular System	07/07/2018 Saturday 2-5 PM
Practical	Beeja- Eranda & Kapikachhu	
Rasa Shastra & Bhaisajya kalpan	5- Brief Description of Musha 4- Dhatu- Vanga, Naga, Yasad, Kansya, Pittal, Vartalaucha 5- Bhaisajya Prayoga Viddhi 2.4- Mukhaprayogarth Kalpan	02/07/2018 Monday 2-5 PM
Practical	Sudha Varga-Shodhana of Shankha, Shukti, Pravalamool, Godanti, 13- Choorna, 14- Gutika, 15- Guggul	
Charak samhita	Sutra 11,12,13,14 Nidan 6,7 Viman 3	05/07/2018 Thursday 11.30-1.30
August		
Subject	Course	Test Date
Roga Nidan/ Pathology	29-1-Vatavyadhi - Akshepaka - Apatanaka - Ardita - Pakshaghata – Gridhrasi – Viswachi, Avabahuka, - Manyasthambha – Katigraha. 2. Sandhigatavata, AsthiMajjagata vata. 3. Introduction to Osteo- Arthritis, Osteomyelitis, Osteoporosis, Rheumatoid Arthritis. 30- 1. Agnimandya - Ajirna - Aruchi- Chhardi - Amlapitta- Shoola – Parinama Shoola – AnnadravaShoola- Atisara – Pravahika - Grahani – Gulma - Udara Roga. 2. Introduction to Anaha, Adhmana, Atopa, Visuchika Alasaka, Vilambika. 3. Introduction to Peptic Ulcer, Irritable Bowel Syndrome (IBS) Diarrhoea, Dysentery, Constipation, Inflammatory Bowel Diseases.	07/08/2018 Tuesday 10.30-12.30

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Practical	Stool Examination 1 Ayurveda anusara purishapariksha. 2 Physical examination - Sama-Nirama Pariksha. 3 Microscopic examination of ova & cyst etc. 4 Occult Blood Test.	
Dravyaguna Pharmacology	6- Veerya Anuvasanopag, Shirovirechana, Chhardinigrahana, Trasnanigrahan, Hikkanigrahana Trijatak, Chaturjatak, Katuchaturjatak Drugs acting on respiratory system, Hormones and related drugs	04/08/2018 Saturday 2-5 PM
Practical	Twaka- Kutaj, Arjuna & Aswattha	
Rasa Shastra & Bhaisajya kalpan	6- Brief Description of Kosti & Heating appliances 5- Ratna 6- Panchavidha Kasaya kalpana & Other Preparation 2.5- Basti Kalpana	06/08/2018 Monday 2-5 PM
Practical	Dhatu Varga- Samanya Shodhana of Lauha, Mandura, Tamra, Naga, Vanga, Yasad 16-Awaleha, 17- Rasakriya, 18- Khanda	
Charak samhita	Sutra 15,16,17,18 Nidan 8 Viman 4	02/08/2018 Thursday 11.30-1.30
September		
Subject	Course	Test Date
Roga Nidan/ Pathology	31- 1-. Introduction to Parkinson's disease, Stroke, Lumbago- Sciatica syndrome, Bell's Palsy, Cervical- Lumber & Ankylosing Spondylitis. 32-1(a) Introduction to Trishna, Daha. 1(b) Introduction to water and electrolyte imbalance disorders. Ayurveda Revised -Panch Nidan	04/09/2018 Tuesday 10.30-12.30
Practical	Demonstration of Sputum Examination 1 Ayurveda anusara sthivanapariksha. 2 Physical, Chemical and Microscopic Examination of the sputum. 3 Sample collection and Demonstration of AFB	
Dravyaguna Pharmacology	7- Prabhava, 8- Balabal Nirupana, Samanyapratyabdhha, Vishistapratyabdhha Purishsangrahani, Purishviranjaniya, Mootrasangrahani, Mootraviranjaniya, Mootravirachaniya Chaturbeej, Panchatikta, Amlapanchak Antimicrobial agents	01/09/2018 Saturday 2-5 PM
Practical	Moola- Punarnava, Chitrak	
Rasa Shastra & Bhaisajya	7- Concept & Detail of Puta & Furnace 6- Ratna	03/09/2018 Monday

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kalpan	6- Panchavidha Kasaya kalpana & Other Preparation 2-Standerization of Ayurvedic formulation-Kasta Ausadhi	2-5 PM
Practical	Kshara Varga- Shodhan of Tankan, Parpati Prepration- Rasaparpati, Bolaparpati, Swetaparpati 19- Satva, 20-Varti, 21-Lavana	
Charak samhita	Sutra 19,20,21,22 Viman 5 sharir 1	06/09/2018 Thursday 11.30-1.30
October		
Subject	Course	Test Date
Roga Nidan/ Pathology	33-Diseases of Sukravaha Srotas 1. Introduction to Kilaibya and Vandhyatva. 2. Introduction to male and female infertility. 34- Diseases of Mutravahasrotas 1(a) Mutrakrichha – Mutraghata. 1(b) Introduction to Urinary Tract Infection, Urolithiasis, Nephropathies.	02/10/2018 Tuesday 10.30-12.30
Practical	vi Demonstration of Semen examination 1 Ayurveda anusara Retaspariksha. 2 Semen examinations. vii Biochemical Examination – (Demonstration) Blood Glucose, Serum Bilirubin, Blood Urea, Lipid Profile, Serum Creatinine, Serum Uric acid etc.	
Dravyaguna Pharmacology	9- Karma Kasahar, Swashahar, Shothahar, Jwarhar, Shramahar gana Chaturbhadra, Trikarshika, Swalpatrphala, Madhurtriphala Antimicrobial agents	06/10/2018 Saturday 2-5 PM
Practical	Niryasa- Guggul & Mocharasa	
Rasa Shastra & Bhaisajya kalpan	8- Complete Knowledge of Parad 7- Shudha Varga, 8- Shikta Varga, 9- Kshara Varga, 10- Miscellaneous 7- General knowledge of Instruments & Machines 4- Drugs & Cosmatic act 1940, Rules 1945	01/10/2018 Monday 2-5 PM
Practical	Visha Varga- Shodhana of Vatsanabha, Bhallatak, Kupilu, Dhatura Beej, Jayapala, Gunnja & Chitrakamool 22-Masi, 23-Kshirapaka, 24-Kshara	
Charak samhita	Sutra 23-26 Viman 6 sharir 2	04/10/2018 Thursday 11.30-1.30
November		
Subject	Course	Test Date
Roga Nidan/ Pathology	35-Diseases of Swedavahasrotas 1(a) Introduction to Khalitya, Palitya. 1(b) Introduction of Cosmetology. 36- UpasargajanyaVyadhi (Communicable diseases) 1(a) Romantika – Masurika – Upadamsha – Phiranga.	06/11/2018 Tuesday 10.30-12.30

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	1(b) Introduction to Measels, Chickenpox, Leprosy, Tuberculosis and AIDS. 37- Diseases of ManovahaSrotas/ SangyavahaSrotas 1(a) Apasmara, Unmada, Atatwabhinivesha-Vishada, Udvega, Bhaya, Bhrama, Anidra, Mada, Murchha, Sanyasa. 1(b) Introduction to Epilepsy Depression, Anxiety neurosis, Phobia, Personality & Behavioral Disorders.	
Practical	- Demonstration of different staining techniques in microbiology. - Demonstration of Sero-immunological Investigations: RA and Widal. - Basic Knowledge of Laboratory Investigations pertaining to Metabolic and Endocrine disorders. - Demonstration of Aspiration techniques. Laboratory record – maintenance of observation Diary and laboratory record book.	
Dravyaguna Pharmacology	12- Basis of nomenclature of dravya Dahaprasmana, sheetaprasmana, Udarddayaprasaman, Angyamardyaprasmana, Shoolprasmana Mahavisha, Upavisha Antimicrobial agents	03/11/2018 Saturday 2-5 PM
Practical	Jangama Dravya- Madhu & Ghrita	
Rasa Shastra & Bhaisajya kalpan	9- Concept of Parad Jaran & Murchhana with classification of Rasa Ausadhi 11- Visha & Upavisha 8- Sneha Kalpana Concept of aushadhi Nirmana & GMP as per Schedule-T	05/11/2018 Monday 2-5 PM
Practical	25- Annapana Kalpana, 26-Yusha, 29-Shukta, 30-Udaka	
Charak samhita	Sutra 27-28 Vimān 7 sharir 3, 4	01/11/2018 Thursday 11.30-1.30
December		
Subject	Course	Test Date
Roga Nidan/ Pathology	KrimiVigyanam 1) Definition, classification of Krimi and features of Krimiroga 2) Snayuka, Shleepada. 3)Introduction of Filariasis, classification of common parasites	04/12/2018 Tuesday 10.30-12.30
Practical	Remain one or Revision	
Dravyaguna Pharmacology	13- Bhaisajya Pariksha vidhi etc. Shoditasthapan, Vedanasthapan, Sangyasthapan, Prajasthapan, Vayahsthapan Jangamagana- Kheerstak, Mutrastaka & Pittapanchaka Jantava Dravya, Annapana Varga Drug acting on CNS & PNS	01/12/2018 Saturday 2-5 PM

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Practical	Herbarium Preparation of 50 Medicinal Plants	
Rasa Shastra & Bhaisajya kalpan	12- Ausadhi Yoga Gyana	03/12/2018 Monday 2-5 PM
Practical	27- Arista, 28-Asava	
Charak samhita	Sutra 29,30 Viman 8 sharir 5,6	06/12/2018 Thursday 11.30-1.30
January		
Subject	Course	Test Date
Roga Nidan/ Pathology	Revision of course	01/01/2019 Tuesday 10.30-12.30
Dravyaguna Pharmacology	14- Dravya Shodhan, Adultration, Substitution 15- Prasastya Bhaisajya, Plant extract & Viriddhya dravya Agraya ausadhivargya NSAID Histamins & Autocoids	05/01/2019 Saturday 2-5 PM
Practical	Herbarium Preparation of 50 Medicinal Plants	
Rasa Shastra & Bhaisajya kalpan	10- Brief Knowledge of quality control, Standerization & GMP of Rasa Ausadhi 13- Pharmacovigilance in India Part A & B : Sr No 1 to 8, Part B : S No 10	07/01/2019 Monday 2-5 PM
Practical	31-Upanaha, 32-Sikta Taila, 33-Malahar, 36- Shodhana-Guggul, Hingu	
Charak samhita	Sharir 7,8 indriya 1-6	03/01/2019 Thursday 11.30-1.30
February		
Subject	Course	Test Date
Roga Nidan/ Pathology	Completion of Remain one & Revision of Syllabus	05/02/2019 Tuesday 10.30-12.30
Dravyaguna Pharmacology	16- Introduction of Nighantu 17- Cultivation of herbal Plants Parthivadravya- Lavanpanchaka, Ksharpanchak & Ksharastak Chemotherapy & Miscellaneous drugs	09/02/2019 Saturday 2-5 PM
Practical	Dravyaguna Study Tour	
Rasa Shastra & Bhaisajya kalpan	Completion of Remain one & Revision of Syllabus	04/02/2019 Monday 2-5 PM
Practical	34-Sneha Murchana, 35-Tail Patan	
Charak samhita	Indriya 7-12, Revision	07/02/2019 Thursday 11.30-1.30
March		
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Roga Nidan/ Pathology	Pre university Yearly Examination Theory (I, II) & Viva	
Dravyaguna Pharmacology	Pre university Yearly Examination Theory (I, II) & Viva	
Rasa Shastra & Bhaisajya kalpan	Pre university Yearly Examination Theory (I, II) & Viva	
Charak S.	Pre university Yearly Examination Theory (I) & Viva	

Instruction-

1. Each Test paper has MCQ and Short answering Question.
2. Each test paper has total 50/100 Marks & Time for 120 Min.
3. Schedule Course Exam result will be display and uploaded on web site within 10 days of examination with total attendance.
4. Examination will be shifted as per programed schedule to the next date due to any unscheduled holiday.
5. 100% attendance is compulsory on each Schedule course examination otherwise penalty should be charged as per college administration.
6. Minimum 50% passing mark should be obtained in each Scheduled course exam. Less than 50% is considered to be failed.
7. 20% Marks of total scheduled course exam will be added in Yearly examination result.