

Rasashastra & Bhaishajya Kalpana - paper II

Course outcome	Programme outcome						
Derivation, History & periodical development of Bhaishajya Kalpana	1	2	3	4	5	6	7
CO-1: Define Bhaishajya Kalpana 'and describe its synonyms.	2	0	0	2	3	3	3
CO-2: Define the term 'Bheshaj & Kalpana' describe its types	2	0	0	2	3	3	3
CO-3: Describe importance and periodic development of Bhaishajya Kalpana	2	0	0	2	0	0	0
Fundamental principles of Bhaishajya Kalpana	1	2	3	4	5	6	7
CO-1: Define and describe Aadharbhuta sidhanta of Bhaishajya Kalpana.	2	0	0	2	3	3	3
CO-2: Describe Dravya Grahana Method with reference to season and time of collection of dravya, collection as per potency	2	2	1	2	3	3	3
CO-3: Describe collection of Jangama and ahara dravyas	2	2	1	2	3	3	3
Maana	1	2	3	4	5	6	7
CO-1: Define and describe types and significance of Mana.	2	0	0	2	3	3	3
CO-2: Describe Measures as per imperial and metric system, weights and measures accepted by Ayurvedic pharmacopoeia Committee	3	0	0	2	3	3	3
Aushadha Matra ,Anupan & Aushadha sevan kala	1	2	3	4	5	6	7
CO-1: Define and describe Saviryata aushadhi it's significance in Aushadi nirmaan	3	0	0	2	3	3	3

CO-2; Define and describe Aushadha matra, Anupan, sevan kala and their therapeutic utility.	3	2	1	2	3	3	3
CO-3: Define Chronopharmacology and it's therapeutic utility.	2	0	0	2	3	3	3
Aushadha shala nirmana	1	2	3	4	5	6	7
CO-1: Describe Aushadha shala nirmana - According to the directions mentioned in the Aushadha Prasadhana	2	0	0	2	2	0	0
CO-2; Describe Laws of medicine manufacturing, preparation.	2	0	0	2	3	3	3
CO-3: Define ISM Drugs	2	0	0	2	3	3	3
Panchavidha Kashaya kalpanas	1	2	3	4	5	6	7
CO-1: Describe Nature of Kasaya Kalpanas , Kasaya Yonis , selection of the drugs	2	0	0	2	3	3	3
CO-2; Define Swaras Kalpanas it's methods of preparation, dose & shelf life.	3	1	1	2	3	3	3
CO-3; Define kalka Kalpanas it's methods of preparation, dose & shelf life.	3	1	1	2	3	3	3
CO-4; Define Kwath Kalpanas it's methods of preparation, dose & shelf life.	3	1	1	2	3	3	3
CO-5; Define Hima Kalpanas it's methods of preparation, dose & shelf life.	3	1	1	2	3	3	3
CO-6; Define Phanta Kalpanas it's methods of	3	1	1	2	3	3	3

preparation, dose & shelf life							
Upakalpana	1	2	3	4	5	6	7
CO-1: Define and describe Mantha & panak kalpana with example	3	0	0	2	3	3	3
CO-2: Describe ingredients ,method of preparation , indication and dose of Sadanga paniya	3	1	1	2	3	3	3
CO-3: Describe method of preparation , indication and dose of Ushnodaka, laksha rasa, Pramathya, Kshira paka	3	1	1	2	3	3	3
CO-4: Describe method of preparation , indication and dose of Tandulodaka	3	1	1	2	3	3	3
CO-5: Describe ingredients ,method of preparation , indication and dose of churna kalpana	3	1	1	2	3	3	3
Mishra Kalpanas	1	2	3	4	5	6	7
CO-1: Define Rasakriya and general methods of preparation, siddhi lakshanas, Examples, dose &it's shelf life	3	1	1	2	3	3	3
CO-2; Describe Sanshamani vati & .it's methods of preparation, siddhi lakshanas, dose &it's shelf life	3	1	1	2	3	3	3
CO-3: Define Satva kapana and general methods of preparation, Examples, dose &it's shelf life.	3	1	1	2	3	3	3
CO-4: Define Phanita and general methods of preparation, siddhi lakshanas, Examples, dose &it's shelf life	3	1	1	2	3	3	3

CO-5: Define Avaleha and general methods of preparation, siddhi lakshanas, Examples, dose &it's shelf life	3	1	1	2	3	3	3
CO-6;Describe Vasa avaleha & .it's methods of preparation, siddhi lakshanas, dose &it's shelf life	3	1	1	2	3	3	3
CO-7;Describe Vyaghriharitaki avaleha & .it's methods of preparation, siddhi lakshanas, dose &it's shelf life	3	1	1	2	3	3	3
CO8;Describe Chywanprasha avaleha & .it's methods of preparation, siddhi lakshanas, dose &it's shelf life	3	1	1	2	3	3	3
CO-9: Define Varti kalpana it's general methods of preparation, siddhi lakshanas, Examples	3	1	1	2	3	3	3
CO-10: Define Suppository it's types & methods of preparation.	1	0	0	0	0	3	3
CO-11: Define Mashi Kalpana it's method of preparation, Examples, dose &it's shelf life .	1	1	1	2	3	3	3
CO-12: Define Kshar Kalpana it's method of preparation as per different Acharyas , types, examples, dose &it's shelf life	1	1	1	2	3	3	3
CO-13: Define Arka Kalpana it's method of preparation, examples, dose &it's shelf life	1	1	1	2	3	3	3
CO-14:Define guggulu Kalpana it's method of preparation, types, examples, dose &it's shelf life	3	1	1	2	3	3	3

CO-15: Describe method of preparation, types, excipients added , advantages and disadvantages of tablets	1	0	0	0	0	3	3
Aushadhi Yoga Gyanam	1	2	3	4	5	6	7
CO-1:Describe ingredients ,method of preparation , indication and dose of Punarnavashtak kwath	3	2	2	2	3	3	3
CO-2: Describe ingredients ,method of preparation , indication and dose of Rasana saptak kwath	3	2	2	2	3	3	3
CO-3: Describe ingredients ,method of preparation , indication and dose of Kharjuradi mantha	3	2	2	2	3	3	3
CO-4: Describe ingredients ,method of preparation , indication and dose of Bhaskar lavan churna.	3	2	2	2	3	3	3
CO-5;Describe Sitopaladi Churna, it's method of preparation , dose, anupan and uses	3	2	2	2	3	3	3
CO-6;Describe Hingwashtaka churna , it's method of preparation , dose, anupan and use	3	2	2	2	3	3	3
CO-7;Describe Soubhagyashunthi paka, it's method of preparation , dose, anupan and uses	3	2	2	2	3	3	3
CO-8;Describe Chandraday Varti ,it's method of preparation , dose, anupan and uses	2	1	1	2	3	3	3
CO-9;Describe Arka Lavan, it's method of preparation , dose, anupan and uses	2	1	1	2	3	3	3

CO-10;Describe Narikela lavan,it's method of preparation , dose, anupan and uses	2	1	1	2	3	3	3
CO-11;Describe Triphala guggulu,it's method of preparation , dose, anupan and uses	3	2	2	2	3	3	3
CO-12;Describe sinhanad guggulu,it's method of preparation , dose, anupan and uses	3	2	2	2	3	3	3
CO-13;Describe YograjGuggul,it's method of preparation , dose, anupan and uses	3	2	2	2	3	3	3
CO-14;Describe Lavangadi Vati , it's method of preparation , dose, anupan and uses	3	2	2	2	3	3	3
CO-15;Describe Lashunadi, it's method of preparation , dose, anupan and uses	3	2	2	2	3	3	3
CO-16;Describe Chitrakadi Vati , it's method of preparation , dose, anupan and uses	3	2	2	2	3	3	3
CO-17;Describe Sanjeevani vati,, it's method of preparation , dose, anupan and uses	3	2	2	2	3	3	3
CO-18;Describe Manibhadra Avaleham,, it's method of preparation , dose, anupan and uses	2	1	1	1	3	3	3
CO-19;Describe Haridra Khanda, it's method of preparation , dose, anupan and uses	3	2	2	2	3	3	3
Sneha Kalpana	1	2	3	4	5	6	7
Co- 1 :Define Sneha yoni and it's types.	0	0	0	0	0	3	3
Co- 2 : Describe Sneha Murchana , it's significance and sneha paka vidhi with it's types	0	0	0	0	0	3	3

Co- 3 :Describe Sneha paka kaala, sneha siddha lakshanas,dose, use of ghrīt & taila in therapeutics .	3	1	1	2	3	3	3
Co- 4 :Describe preparation & uses of Jatyadi Grita, Bramhi ghrīta	3	0	0	2	3	3	3
Co- 5 :Describe preparation & uses of Narayana taila, Panchaguna tail, bhrungaraj taila	3	0	0	2	3	3	3
Co- 6 :Describe preparation & uses of Apamarga kshar taila ,Bilwa taila	3	0	0	2	3	3	3
Co- 7 :Describe preparation & uses of Shadabindu tail	3	0	0	2	3	3	3
Sandhana Kalpana	1	2	3	4	5	6	7
Co- 1 :Define sandhaana kalpana ,it's types and difference between sukta and Madya kalpana,	1	0	0	2	3	3	3
Co- 2 : Describe Asava and Arista, & its types	1	0	0	3	3	3	3
Co- 3 :Describe Varuni, Sura Maireya,Surasava, Kanjika,Tushodaka, Shidhu, Souvira Kalpana with their significance .	1	0	0	3	3	3	3
Co- 4 :Describe the methods of preparation , Siddha Sandhana Lakshana , properties, doses, uses and mode of administration of sandhan kalpas	3	2	1	3	3	3	3
Co- 5 : :Describe preparation , uses & dose of Ashokarishta	3	2	2	2	3	3	3
Co- 6 :Describe preparation , uses & dose of Arjunarishta	3	2	2	2	3	3	3

Co- 7 :Describe preparation , uses & dose of Takrarishta & Dashmoolarishta	3	2	2	2	3	3	3
Pathya Kalpana	1	2	3	4	5	6	7
Co- 1 :Define Pathya& Apathya and it's significance in therapeutics	3	2	2	3	3	3	3
Co- 2 : Describe Yavagu , Anna Bhakta Aodan & its types	0	0	0	2	2	2	3
Co- 3 :Describe pathya kalpas prepared by shuka dhanya & shimbi dhanya	0	0	0	2	2	2	3
Co- 4 :Describe Mamsaras, Veshavar and their significance in therapeutics	3	0	0	2	2	2	3
Co- 5 : :Define Khada, Kambalika, raga shadav	0	0	0	2	2	2	3
Co- 6 :Define takra & dadhi kalpanas with their indications	3	0	0	2	2	2	3
Lepa & Malhara Kalpana	1	2	3	4	5	6	7
Co- 1 : Define Lepa Kalpana	0	0	0	2	2	2	3
Co- 2 : Describe method of preparation and indications of Sikhta Taila, Sarjaras Malahara , Gandhaka malahara, Shatadhouta and Sahastradhout ghritha	3	0	0	2	2	2	3
Co- 3 :Describe upanah kalpana and atsi upanah nirman with it's use	3	0	0	2	2	2	3
Co- 4 :Define ointments , Creams, Gels, Lotion, Shampoo, Soaps, Liniments and their method of preparation	0	0	0	2	2	3	3
Netra,Mukha, Nasys kalpana	1	2	3	4	5	6	7

Co- 1: Describe Method of preparation and mode of application of Tarpana , Putapaka ,Seka , Aschotana , Anjan, Pindi, Vidalaka,	3	2	2	3	3	3	3
Co- 2 : Describe Nisadi Netra Bindu , it's method of preparaton and it's use .	3	0	0	3	3	3	3
CO-3: Describe Method of preparation ,properties and therapeutic uses of Kavalgraha, Gandusha , Manjana (Tooth powder),Pratisaran	3	2	2	3	3	3	3
CO-4: Describe Pratisaran.Classification of nasya, Method of preparation,properties and therapeutic uses of Navana, Avapidana, Pradhaman , Dhuma and Pratimarsha nasya	3	2	2	3	3	3	3
CO-5: Differentiate between Marsa and pratimarsa nasya	0	0	0	0	0	3	3
CO-6: Describe preparation of nasal drops, mouth paints, mouth wash, tooth paste	0	0	0	0	0	3	3
Dhumapan Kalpana	1	2	3	4	5	6	7
Co- 1: Define Dhumpan ,Classification, Method of preparation , properties,& therapeutic uses .	2	1	1	3	3	3	3
Co- 2 : Define Dhupan ,Classification, Method of preparation , properties,& therapeutic uses	2	1	1	3	3	3	3
Basti kalpana	1	2	3	4	5	6	7
Co- 1: Describe Classification, Method of preparation of Basti yantra, Basti dravya, Types of Basti, Therapeutic properties & uses of Basti kalpana	3	0	0	2	2	3	3
Standardization of Ayurvedic Formulations	1	2	3	4	5	6	7
Co- 1: Describe Standardization of Ayurvedic Formulations	0	0	0	3	3	3	3

Co-2 : Describe Standardization of Standardization of kashtaushadhi & Rasaushadhi	0	0	0	3	3	3	3
CO-3: Describe Drug & Cosmetic Act 1940 & Rules 1945	0	0	0	3	3	3	3
Pharmaceutical Packaging	1	2	3	4	5	6	7
Co- 1: Describe Pharmaceutical Packaging techniques , labeling as per GMP norms	0	0	0	3	3	3	3
Traditional Knowledge digital Library	1	2	3	4	5	6	7
CO-1:Define TKDL& it's significance	0	0	0	3	3	3	3
CO-2: Define IPR	0	0	0	3	3	3	3
Preservatives for various dosage forms	1	2	3	4	5	6	7
CO-1:Enlist properties of standard preservatives	0	0	0	3	3	3	3
CO-2: Describe proportion of different preservatives in different dosage forms	0	0	0	3	3	3	3
Instruments and Equipments	1	2	3	4	5	6	7
CO-1;Describe Application & identification of Disintegrator, Pulveriser, Micropulveriser, Ball mill, End runner, Edge runner	0	0	0	3	3	3	3
CO-2; Describe Application & identification of Sieve shaker	0	0	0	3	3	3	3
CO-3; Describe Application & identification of Polishing pan, Granulator, Mixer grinder, Tablet making machine	0	0	0	3	3	3	3
CO-4; Describe Application & identification of Pouch packing machine,	0	0	0	3	3	3	3

CO-5; ; Describe Application & identification of Pill making machine,Pill cutter	0	0	0	3	3	3	3