

REVISED CHOICE BASED CREDIT SYSTEM (R-CBCS) SEM II

Sr.No.	Code	Name of Subject	Course outcome
14	BP201T	HUMAN ANATOMY AND PHYSIOLOGY II	1.The learner should be able to explain the gross morphology, structure and functions of various organs of the human body.
			2. The learner should be able to describe the various homeostatic mechanisms and their imbalances.
			3. The learner should be able to identify the various tissues and organs of different systems of human body.
			4. The learner should be able to perform the hematological tests like blood cell counts, haemoglobin estimation, bleeding/clotting time etc and also record blood pressure, heart rate, pulse and respiratory volume.
			5.The learner should be able to appreciate coordinated working pattern of different organs of each system
			6.The learner should be able to appreciate the interlinked mechanisms in the maintenance of normal functioning (homeostasis) of human body.
15	BP202T	PHARMACEUTICAL ORGANIC CHEMISTRY I	1.The learner should be able to write the structure, name and the type of isomerism of the organic compound 4. identify/confirm the identification of organic compound
			2. The learner should be able to write the reaction, name the reaction and orientation of reactions
			3. The learner should be able to account for reactivity/stability of compounds
			4. The learner should be able to identify/confirm the identification of organic compound
16	BP203T	BIOCHEMISTRY	1. The learner should be able to understand the catalytic role of enzymes, importance of enzyme inhibitors in design of new drugs, therapeutic and diagnostic applications of enzymes.
			2. The learner should be able to understand the metabolism of nutrient molecules in physiological and pathological conditions.
			3.The learner should be able to understand the genetic organization of mammalian genome and functions of DNA in the synthesis of RNAs and proteins.
17	BP204T	PATHOPHYSIOLOGY	1. The learner should be able to describe the etiology and pathogenesis of the selected disease states
			2. The learner should be able to name the signs and symptoms of the diseases
			3.The learner should be able to mention the complications of the diseases.

18	BP205T	COMPUTER APPLICATIONS IN PHARMACY	1. The learner should be able to know the various types of application of computers in pharmacy 2. The learner should be able to know the various types of databases 3. The learner should be able to know the various applications of databases in pharmacy
19	BP206T	ENVIRONMENTAL SCIENCES	1. The learner should be able to create the awareness about environmental problems among learners. 2. The learner should be able to Impart basic knowledge about the environment and its allied problems. 3. The learner should be able to develop an attitude of concern for the environment. 4. The learner should be able to motivate learner to participate in environment protection and environment improvement. 5. The learner should be able to acquire skills to help the concerned individuals in identifying and solving environmental problems. 6. The learner should be able to strive to attain harmony with Nature 7. The learner should be able to acquire skills to help the concerned individuals in identifying and solving environmental problems.
20	BP207P	HUMAN ANATOMY AND PHYSIOLOGY II	1. The learner should be able to study the nervous system and endocrine system 2. The learner should be able to demonstrate the general neurological examination and function of olfactory nerve 3. The learner should be able to study of digestive, respiratory, cardiovascular systems, urinary and reproductive systems with the help of models, charts and specimens
21	BP208P	PHARMACEUTICAL ORGANIC CHEMISTRY I	1. The learner should be able to study systematic qualitative analysis of unknown organic compounds 2. The learner should be able to Prepare of suitable solid derivatives from organic compounds 3. The learner should be able to study Construction of molecular models
22	BP209P	BIOCHEMISTRY	1. The learner should be able to know qualitative analysis of carbohydrates and protein. 2. The learner should be able to determine of blood creatinine, f serum total cholesterol and blood sugar. 3. The learner should be able to Prepare of buffer solution and measurement of pH 4. The learner should be able to determine of Salivary amylase activity 5. The learner should be able to Study the effect of Temperature on Salivary amylase activity.
23	BP210P	COMPUTER APPLICATIONS IN PHARMACY	1. The learner should be able to design a questionnaire using a word processing package to gather information about a particular disease. 2. The learner should be able to create a HTML web page to show personal information and a database in MS Access to store the patient information with the required fields Using access 3. The learner should be able to retrieve the information of a drug and its adverse effects using online tools 4. The learner should be Export Tables, Queries, Forms and Reports to web pages