

Scheme of Study and Examination for B.Pharm Course

Schemes for internal assessments and end semester examinations semester wise

Semester I

Subjects	Continuous Mode	Internal Assessment		End Semester Exams	
		Sessional Exams		Marks	Total Marks
		Marks	Total		
Human Anatomy and Physiology I – Theory	10	15	25	75	100
Pharmaceutical Analysis I – Theory	10	15	25	75	100
Pharmaceutics I – Theory	10	15	25	75	100
Pharmaceutical Inorganic Chemistry – Theory	10	15	25	75	100
Communication skills – Theory *	5	10	15	35	50
Remedial Biology/ Mathematics – Theory*	5	10	15	35	50
Human Anatomy and Physiology – Practical	5	10	15	35	50
Pharmaceutical Analysis I – Practical	5	10	15	35	50
Pharmaceutics I – Practical	5	10	15	35	50
Pharmaceutical Inorganic Chemistry – Practical	5	10	15	35	50
Communication skills – Practical*	5	5	10	15	25
Remedial Biology – Practical*	5	5	10	15	25

Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course.

\$ Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM)course.

* Non University Examination (NUE)

Semester II

Subjects	Continuous Mode	Internal Assessment		End Semester Exams	
		Sessional Exams		Marks	Total Marks
		Marks	Total		
Human Anatomy and Physiology II – Theory	10	15	25	75	100
Pharmaceutical Organic Chemistry I – Theory	10	15	25	75	100
Biochemistry – Theory	10	15	25	75	100
Pathophysiology – Theory	10	15	25	75	100
Computer Applications in Pharmacy – Theory*	10	15	25	50	75
Environmental sciences – Theory*	10	15	25	50	75
Human Anatomy and Physiology II –Practical	5	10	15	35	50
Pharmaceutical Organic Chemistry I– Practical	5	10	15	35	50
Biochemistry – Practical	5	10	15	35	50
Computer Applications in Pharmacy – Practical*	5	5	10	15	25

* The subject experts at college level shall conduct examinations

Semester III

Subjects	Continuous Mode	Internal Assessment		End Semester Exams	
		Sessional Exams		Marks	Total Marks
		Marks	Total		
Pharmaceutical Organic Chemistry II – Theory	10	15	25	75	100
Physical Pharmaceutics I –Theory	10	15	25	75	100
Pharmaceutical Microbiology – Theory	10	15	25	75	100
Pharmaceutical Engineering – Theory	10	15	25	75	100
Pharmaceutical Organic Chemistry II – Practical	5	10	15	35	50
Physical Pharmaceutics I – Practical	5	10	15	35	50
Pharmaceutical Microbiology – Practical	5	10	15	35	50
Pharmaceutical Engineering – Practical	5	10	15	35	50

Semester IV

Subjects	Continuous Mode	Internal Assessment		End Semester Exams	
		Sessional Exams		Marks	Total Marks
		Marks	Total		
Pharmaceutical Organic Chemistry III- Theory	10	15	25	75	100
Medicinal Chemistry I – Theory	10	15	25	75	100
Physical Pharmaceutics II – Theory	10	15	25	75	100
Pharmacology I – Theory	10	15	25	75	100
Pharmacognosy I – Theory	10	15	25	75	100
Medicinal Chemistry I – Practical	5	10	15	35	50
Physical Pharmaceutics II – Practical	5	10	15	35	50
Pharmacology I – Practical	5	10	15	35	50
Pharmacognosy I – Practical	5	10	15	35	50

Semester V

Subjects	Continuous Mode	Internal Assessment		End Semester Exams	
		Sessional Exams		Marks	Total Marks
		Marks	Total		
Medicinal Chemistry II – Theory	10	15	25	75	100
Industrial Pharmacy I- Theory	10	15	25	75	100
Pharmacology II – Theory	10	15	25	75	100
Pharmacognosy II – Theory	10	15	25	75	100
Pharmaceutical Jurisprudence – Theory	10	15	25	75	100
Industrial Pharmacy I- Practical	5	10	15	35	50
Pharmacology II – Practical	5	10	15	35	50
Pharmacognosy II – Practical	5	10	15	35	50

Semester VI

Subjects	Continuous Mode	Internal Assessment		End Semester Exams	
		Sessional Exams		Marks	Total Marks
		Marks	Total		
Medicinal Chemistry III – Theory	10	15	25	75	100
Pharmacology III – Theory	10	15	25	75	100
Herbal Drug Technology –Theory	10	15	25	75	100
Biopharmaceutics and Pharmacokinetics – Theory	10	15	25	75	100
Pharmaceutical Biotechnology–Theory	10	15	25	75	100
Quality Assurance– Theory	10	15	25	75	100
Medicinal chemistry III –Practical	5	10	15	35	50
Pharmacology III – Practical	5	10	15	35	50
Herbal Drug Technology –Practical	5	10	15	35	50

Semester VII

Subjects	Continuous Mode	Internal Assessment Sessional Exams		End Semester Exams	
		Marks	Total	Marks	Total Marks
		Instrumental Methods of Analysis – Theory	10	15	25
Industrial Pharmacy – Theory	10	15	25	75	100
Pharmacy Practice – Theory	10	15	25	75	100
Novel Drug Delivery System – Theory	10	15	25	75	100
Instrumental Methods of Analysis – Practical	5	10	15	35	50
Practice School*	25	-	25	125	150

* The subject experts at college level shall conduct examinations

Semester VIII

Subjects	Continuous Mode	Internal Assessment Sessional Exams		End Semester Exams	
		Marks	Total	Marks	Total Marks
		Biostatistics and Research Methodology – Theory	10	15	25
Social and Preventive Pharmacy – Theory	10	15	25	75	100
Pharmaceutical Marketing – Theory	10 + 10 = 20	15 + 15 = 30	25 + 25 = 50	75 + 75 = 150	100 + 100 = 200
Pharmaceutical Regulatory Science – Theory					
Pharmacovigilance – Theory Quality Control and					
Standardization of Herbals – Theory					
Computer Aided Drug Design – Theory					
Cell and Molecular Biology – Theory					
Cosmetic Science – Theory					
Experimental Pharmacology – Theory					
Advanced Instrumentation Techniques – Theory	-	-	-	150	150
Project Work	-	-	-	150	150