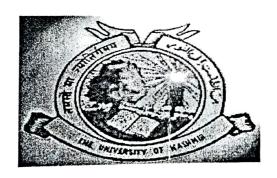
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ADMISSION &
EXAMINATION RULES &
SYLLABUS
FOR
MASTER IN PHARMACY



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DEPARTMENT OF PHARMACEUTICAL SCIENCES

UNIVERSITY OF KASHMIR

ADMISSION AND EXAMINATION RULES FOR MASTER IN PHARMACY

- 1.PROGRAMME:- Master of Pharmacy (M.Pharm) in the following subjects
 - i) Pharmaceutical Chemistry
 - Pharmacology ii)
 - iii) **Pharmaceutics**
 - iv) Pharmacognosy and Phytochemistry
 - Pharmacy Practice V)

It shall be a full time regular course. During an academic year, a candidate shall be enrolled only for one programme of study and shall not appear in any other examination of this or any other University.

- 2. DURATION:- Two years which shall be designated as follows
 - i)
 - M.Pharm Ist year M.Pharm IInd year ii)
- 3. MEDIUM OF INSTRUCTION AND EXAMINATION: English
- 4. ELIGIBILITY OF ADMISSION: A candidate who is a state subject of J&K and has passed Bachelor of Pharmacy degree from University of Kashmir or any other Institute recognized by UGC/ AICTE with at least aggregate of 55% marks in B.Pharm theory shall be eligible for appearing in the entrance examination to be conducted by University of Kashmir.

GATE qualified candidates will be given preference in admission and they will be exempted from appearing in the University entrance test. Admission to various branches of M. Pharm will be made on the basis of merit list prepared in accordance with GATE percentile score.

The merit of Non- Gate candidates, shall be determined as under:

i) Weightage for entrance Examination: 60%

ii) Weightage for academics in B.Pharm: 40%

Further the admission of Non-Gate candidates to a particular specialization will depend on the availability of seats in the respective specializations after filling up of the seats by GATE-qualified candidates.

Note: There will be total of 10 seats in M.Pharm with two seats in each discipline. Due to limited no. of seats, only two seats shall be available for reserved categories and

shall be offered to two candidates who top in the merit list of Reserved Categories. provided that only one candidate shall be taken from one category. 5.COURSE STRUCTURE:

FIRST YEAR (SECTION -A) (Common for all Specializations)

Code	Subgest		Marks	Tota
MAT-I	Modern Pharmaceutical	Internal	External	
MAT-II	Analytical Techniques (Theory) Modern Pharmaceutical	20	80	100
	Analytical Techniques (Practical)	20	80	100

(SECTION -B)

PHARMACEUTICAL CHEMISTRY

FIRST YEAR

MPC-I	Pharm.Chem.I	20	80	400
	(Drug Design) (Theory) .	20	00	100
MPC-II	Pharm.Chem.II (Chemistry of Natural Products) (Theory)	20	80	100
MPC-III	Pharm.Chem. III (Medicinal Chemistry) (Theory)	20	80	100
MPC-IV	Pharm.Chem. Practical – I	20	80	100
MPC-V	Pharm.Chem. Practical –II	20	80	100

SECOND YEAR

SECOND		
	Preparation of Synopsis/	50
	Seminar	
	Thesis	150
	Viva Voce	100

Total of Section A & B

1000

PHARMACOLOGY

FIRST YEAR

MOL				
MPL-I	Pharmacology-I (Basic Principles of Drug Therapy & Clinical Pharmacology) (Theory)	20	80	100
MPL-II	Pharmacology-II (Recent			
	Trends in Pharmacological Sciences (Theory)	20	80	100
MPL-III	Pharmacology-III	20	90	400
	(Pharmacological Methods and Toxicology) (Theory)	20	80	100
MPL-IV	Pharmacology Practical -I	20	80	100
MPL-V	Pharmacology Practical -II	20	80	100
SECOND	YEAR	20		100
	Preparation of Synopsis			50
	/Seminar			
	Thesis			150
	Viva Voce			100

Total of Section A & B

1000

PHARMACEUTICS

FIRST YEAR

MPT-I	Pharmaceutics-I (Product	20	80	100
	Development & Packaging			
	Technology) (Theory)		00	100
MPT-II	Pharmaceutics-II	20	80	100
	(Biopharmaceutics,			
	Pharmacokinetics and Novel			
	drug delivery system) (Theory)		80	100
MPT -III	Pharmaceutics -III (DRA)	20	00	100
1011 1 111	intellectual property Rights &			
	Quality Assurance)			
	(Thoon()	20	80	100
MPT-IV	Pharmaceutics Practical –I	20	00	
IVIP 1-1V		20	80	100
MPT-V	Pharmaceutics Practical -II			
SECOND	YEAR			
SECOND				50
	Preparation of Synopsis			
	/Seminar			150
	Thesis	-		100
	Viva Voce T	otal of Section	n A & B	1000
	VIVA VOOD	otal of Section		

PHARMACOGNOSY & PHYTOCHEMISTRY

FIRST YEAR

MPG-I	Pharmacognosy&			
	Phytochemistry-I (Advance i	20	80	100
MPG-II	Pharmacognosy)(Theory) Pharmacognosy &	A Company of the Comp		
	Phytochemistry –II	20	80	100
	(Phytochemistry & Biogenesis) (Theory)			
MPG-III	Pharmacognosy-III (Cultivation	20	80	100
	& Standardization of Medicinal Plants) (Theory)			100
MPG-IV	Pharmacognosy &	20	80	100
MDON	Phytochemistry Practical -I			
MPG-V	Pharmacognosy &	20	80	100
	Phytochemistry Practical -II	,		

SECOND YEAR

Preparation of Synopsis	50
Thesis	150
Viva Voce	100

Total of Section A & B 1000

PHARMACY PRACTICE

FIRST YEAR

MPP-I	Pharmacy Practice-I (Clinical Pharmacy Pharmacokinetics & Toxicology) (Theory)	20	80	100
MPP-II	Pharmacy Pratice -II (Pharmaco therapeutics including pathophysiology)	20	80	100
MPP-III	(Theory) Pharmacy Practice –III (Hospital & Community	20	80	100
	Pharmacy)	20	80	100
MPP-IV	Pharmacy Practice Practical –I Pharmacy Practice Practical –II	20	80	100
MPP-V	Pharmacy radioo			

SECOND YEAR	50
Preparation of Synopsis/	
·/Seminar	150
Thesis	100
Viva Voce	

Total of Section A & B

1000

SECOND YEAR

	Preparation of	
	Synopsis/Seminar	
	Tilesis	50
l	Viva Voce	150
		100

Total of Section A & B

1000

YEAR WISE DISTRIBUTION OF COURSE IN M.PHARM PHARMACY PRACTICE

FIRST YEAR

MPP-I	Pharmacy-Practice-I (Clinical Pharmacy Pharmacokinetics & Toxicology	Theory	3	20	80	100
MPP-II	Pharmacy Pratice -II (Pharmacotherapeutics including pathophysiology)	Theory	3	20	80	100
MPP-III	Pharmacy Practice –III (Hospital & Community Pharmacy)	Theory	3	20	80	100
MPP-IV	Pharmacy Practice	Practical -I	6-12	20	80	100
MPP-V	Pharmacy Practice	Practical –II	6-12	20	80	100

SECOND YEAR

Preparation of			50
Synopsis/ Seminar			
Thesis		`	150
Viva Voce	1		100

Total of Section A & B

1000

Research work in second year of M.Pharm shall be carried out in the Department of Pharmaceutical Sciences, University of Kashmir or in any Govt. approved Pharm. Industry, R & D laboratory, Analytical testing laboratory or Hospitals etc, in which case a Co-Supervisor, if required, may be from such relevant institution.

7. INTERNAL ASSESSMENT:

a) For the purpose of awarding sessional marks, the performance of students shall be evaluated continuously on the basis of written tests, seminars/viva voce. etc. in each course. These will be given by the respective teachers.

11. PROMOTION:

- a) Students securing at least 50% marks in each of the subjects separately in the theory as well as practical examinations shall be promoted to the next higher
- b) A student shall be promoted to next year of the programme if he/she has passed in each theory and practical separately. However, a student may carry over a maximum of two theory papers or practicals to the next year. A candidate will be given a total of three attempts, inclusive of the first attempt to clear the papers, in which he/she fails to qualify. Promotion to the next higher class will be considered subject to rules, relating to the maximum period of stay at the University, viz Passing the 1st year examination within two academic years, and successfully completing all the requirements of the programme of study within 4 years from admission.

12. AWARD OF MERIT

a) The result of the successful candidate shall be classified at the end of the final year examination on the basis of the aggregate marks, theory and practicals secured by the candidate in the 1st year and 2nd year.

75% and above Distinction 60% - 74.9% 1st Division

50% - 59.9%. 2nd Division

b) Candidate securing 75% marks or above in 1st attempt shall be declared to have obtained distinction.