



**JSS MAHAVIDHYAPEETHA**  
**JSS UNIVERSITY NOIDA**

**B.PHARMA**

**EXAMINATION REGULATIONS**



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**JSS MAHAVIDYAPEETHA**  
**JSS UNIVERSITY, NOIDA**

(Established under the Uttar Pradesh Private University Act No.12 of 2019)



**EXAMINATION REGULATIONS FOR**  
**B.PHARM**

**(Effective from the Session: 2024-25)**

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## 1. SHORT TITLE AND COMMENCEMENT

- These regulations shall be called “The Regulations for the B. Pharm. Degree Program of the JSS University, Noida. They shall come into effect from the Academic Year 2024-25. The regulations framed are subject to modifications from time to time by the Executive Council and any other regulatory body of JSS University, Noida.

## 2. MINIMUM QUALIFICATION FOR ADMISSION

### 2.1. *First year B. Pharm:*

- Candidate shall have passed 10+2 examination conducted by the respective state/central government authorities recognized as equivalent to 10+2 examination by the Association of Indian Universities (AIU) with English as one of the subjects and Physics, Chemistry, Mathematics (P.C.M) and or Biology (P.C.B / P.C.M.B.) as optional subjects individually. Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations.

### 2.2. *B. Pharm lateral entry (to the third semester):*

- A pass in D. Pharm. course from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act.

## 3. DURATION OF THE PROGRAM:

- The course of study for B. Pharm. shall extend over a period of eight semesters (four academic years) and six semesters (three academic years) for lateral entry students. The curricula and syllabi for the program shall be modified as prescribed from time to time by the Pharmacy Council of India, New Delhi.

## 4. MEDIUM OF INSTRUCTION AND EXAMINATION SHALL BE IN ENGLISH.

- Medium of instruction and examination shall be in English.

## 5. WORKING DAYS IN EACH SEMESTER

- Each semester shall consist of working days as per PCI norms. The odd semesters shall be conducted from the month of June/July to November/December and the even semesters shall be conducted from December/January to May/June in every calendar year.

## 6. ATTENDANCE AND PROGRESS

- A candidate is required to put in at least 75% attendance in individual courses considering theory and practical separately. The candidate shall complete the prescribed

course satisfactorily to be eligible to appear for the respective examinations.

## **7. PROGRAM/COURSE CREDIT STRUCTURE**

- As per the philosophy of Choice Based Credit System, a certain quantum of academic work viz. theory classes, tutorial hours, practical classes, etc. are measured in terms of credits. On satisfactory completion of the courses, a candidate earns credits. The amount of credit associated with a course is dependent upon the number of hours of instruction per week in that course. Similarly, the credit associated with any of the other academic, co/extra-curricular activities is dependent upon the quantum of work expected to be put in for each of these activities per week. Furthermore, credits for remedial biology and remedial mathematics should be the same as mentioned in the PCI regulations.

## **8. CREDITS ASSIGNMENT**

### ***8.1. Theory and Laboratory Courses:***

- Courses are broadly classified as Theory and Practical. Theory courses consist of lecture (L) and /or tutorial (T) hours, and Practical (P) courses consist of hours spent in the laboratory. Credits (C) for a course are dependent on the number of hours of instruction per week in that course and are obtained by using a multiplier of one (1) for lecture and tutorial hours, and a multiplier of half (1/2) for practical (laboratory) hours. Thus, for example, a theory course having three lectures and one tutorial per week throughout the semester carries a credit of 4. Similarly, a practical having four laboratory hours per week throughout the semester carries a credit of 2.

### ***8.2. Minimum credit requirements:***

- (i) The minimum credit points required for award of a B. Pharm. degree is 214. These credits are divided into Theory courses, Tutorials, Practical, Practice School and Project over the duration of eight semesters. The credits are distributed semester-wise as shown in Table IX. Courses generally progress in sequences, building competencies and their positioning indicates certain academic maturity on the part of the learners. Learners are expected to follow the semester-wise schedule of courses given in the syllabus.
- (ii) The lateral entry students shall get 52 credit points transferred from their D. Pharm. program. Such students shall take up additional remedial courses of 'Communication Skills' (Theory and Practical) and 'Computer Applications in Pharmacy' (Theory and Practical) equivalent to 3 and 4 credit points respectively, a total of 7 credit points to

attain 59 credit points, the maximum of I and II semesters.

## 9. ACADEMIC WORK

- A regular record of attendance both in Theory and Practical shall be maintained by the teaching staff of respective courses.

## 10. COURSE OF STUDY

- The course of study for B. Pharm. shall include Semester Wise Theory & Practical as given in Table – I to VIII. The number of hours to be devoted to each theory, tutorial and practical course in any semester shall not be less than that shown in Table – I to VIII.

**Table I: Course of study for semester I**

Course code	Name of the course	No. of Hours	Tutorial	Credit points
BP101T	Human Anatomy and Physiology I– Theory	3	1	4
BP102T	Pharmaceutical Analysis I – Theory	3	1	4
BP103T	Pharmaceutics I – Theory	3	1	4
BP104T	Pharmaceutical Inorganic Chemistry – Theory	3	1	4
BP105T	Communication skills – Theory*	2	-	2
BP106RBT BP106RMT	#Remedial Biology*/ \$Remedial Mathematics* – Theory	2	-	2/3
BP107P	Human Anatomy and Physiology – Practical	4	-	2
BP108P	Pharmaceutical Analysis I – Practical	4	-	2
BP109P	Pharmaceutics I – Practical	4	-	2
BP110P	Pharmaceutical Inorganic Chemistry – Practical	4	-	2
BP111P	Communication skills – Practical	2	-	1
BP112RBP	Remedial Biology – Practical*	2	-	1
<b>Total</b>		<b>34/36</b>	<b>4</b>	<b>30</b>

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

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

\*Remedial Biology (T&P) and Remedial Mathematics (T) and Communication Skills (T&P) is a non-university examination as per PCI regulations

**Table II: Course of study for semester II**

Course code	Name of the course	No. of Hours	Tutorial	Credit points
BP201T	Human Anatomy and Physiology II – Theory	3	1	4
BP202T	Pharmaceutical Organic Chemistry I – Theory	3	1	4
BP203T	Biochemistry – Theory	3	1	4
BP204T	Pathophysiology- Theory	3	1	4
BP205T	Computer Applications in Pharmacy – Theory*	3	-	3
BP206T	Environmental sciences – Theory*	3	-	3
BP207P	Human Anatomy and Physiology II – Practical	4	-	2
BP208P	Pharmaceutical Organic Chemistry I– Practical	4	-	2
BP209P	Biochemistry – Practical	4	-	2
BP210P	Computer Applications in Pharmacy – Practical*	2	-	1
<b>Total</b>		<b>32</b>	<b>4</b>	<b>29</b>

*\*Computer Applications in Pharmacy – Theory, Environmental Sciences Theory, and Computer Applications in Pharmacy – Practical– These subjects are non-university examination as per PCI regulations*

**Table-III: Course of study for semester III**

Course code	Name of the course	No. of Hours	Tutorial	Credit points
BP301T	Pharmaceutical Organic Chemistry II – Theory	3	1	4
BP302T	Physical Pharmaceutics I – Theory	3	1	4
BP303T	Pharmaceutical Microbiology – Theory	3	1	4
BP304T	Pharmaceutical Engineering – Theory	3	1	4
BP305P	Pharmaceutical Organic Chemistry II – Practical	4	-	2
BP306P	Physical Pharmaceutics I – Practical	4	-	2
BP307P	Pharmaceutical Microbiology – Practical	4	-	2
BP 308P	Pharmaceutical Engineering –Practical	4	-	2
<b>Total</b>		<b>28</b>	<b>4</b>	<b>24</b>

*\* Communication skills – Theory, Communication skills – Practical, Computer Applications in Pharmacy – Theory, and Computer Applications in Pharmacy – Practical these mentioned subjects need to be completed by lateral entry students and its mandatory as per PCI regulations*

**Table IV: Course of study for semester IV**

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP401T	Pharmaceutical Organic Chemistry III– Theory	3	1	4
BP402T	Medicinal Chemistry I – Theory	3	1	4
BP403T	Physical Pharmaceutics II – Theory	3	1	4
BP404T	Pharmacology I – Theory	3	1	4
BP405T	Pharmacognosy and Phytochemistry I– Theory	3	1	4
BP406P	Medicinal Chemistry I – Practical	4	-	2
BP407P	Physical Pharmaceutics II – Practical	4		2
BP408P	Pharmacology I – Practical	4	-	2
BP409P	Pharmacognosy and Phytochemistry I – Practical	4	-	2
<b>Total</b>		<b>31</b>	<b>5</b>	<b>28</b>

**Table V: Course of study for semester V**

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP501T	Medicinal Chemistry II – Theory	3	1	4
BP502T	Industrial Pharmacy I– Theory	3	1	4
BP503T	Pharmacology II – Theory	3	1	4
BP504T	Pharmacognosy and Phytochemistry II– Theory	3	1	4
BP505T	Pharmaceutical Jurisprudence – Theory	3	1	4
BP506P	Industrial Pharmacy I – Practical	4	-	2
BP507P	Pharmacology II – Practical	4	-	2
BP508P	Pharmacognosy and Phytochemistry II – Practical	4	-	2
<b>Total</b>		<b>27</b>	<b>5</b>	<b>26</b>

**Table VI: Course of study for semester VI**

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP601T	Medicinal Chemistry III – Theory	3	1	4
BP602T	Pharmacology III – Theory	3	1	4
BP603T	Herbal Drug Technology – Theory	3	1	4
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	3	1	4
BP605T	Pharmaceutical Biotechnology – Theory	3	1	4
BP606T	Quality Assurance – Theory	3	1	4
BP607P	Medicinal Chemistry III – Practical	4	-	2
BP608P	Pharmacology III – Practical	4	-	2
BP609P	Herbal Drug Technology – Practical	4	-	2
<b>Total</b>		<b>30</b>	<b>6</b>	<b>30</b>

**Table VII: Course of study for semester VII**

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP701T	Instrumental Methods of Analysis – Theory	3	1	4
BP702T	Industrial Pharmacy II – Theory	3	1	4
BP703T	Pharmacy Practice – Theory	3	1	4
BP704T	Novel Drug Delivery System – Theory	3	1	4
BP705P	Instrumental Methods of Analysis – Practical	4	-	2
BP706PS	Practice School*	12	-	6
BP707P	Extracurricular/ Co-curricular /Training /Internship activities#	--	--	1
<b>Total</b>		<b>28</b>	<b>5</b>	<b>25</b>

\*Practice School is a non-university examination as per PCI regulations

# The credit points assigned for extracurricular/ co-curricular activities/training/ Internship activities shall be given by the Dean of the School and the same shall be submitted to the University. The credit points for these activities may be included in the VII semester.

**Table VIII: Course of study for semester VIII**

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP801T	Biostatistics and Research Methodology	3	1	4
BP802T	Social and Preventive Pharmacy	3	1	4
BP803ET	Pharma Marketing Management	3 + 3 = 6	1 + 1 = 2	4 + 4 = 8
BP804ET	Pharmaceutical Regulatory Science			
BP805ET	Pharmacovigilance			
BP806ET	Quality Control and Standardization of Herbals			
BP807ET	Computer-Aided Drug Design			
BP808ET	Cell and Molecular Biology			
BP809ET	Cosmetic Science			
BP810ET	Experimental Pharmacology			
BP811ET	Advanced Instrumentation Techniques			
BP812ET	NPTEL/SWAYAM/LSSSDC*			
BP813PW	Project Work	12	-	6
<b>Total</b>		<b>24</b>	<b>4</b>	<b>22</b>

\*Course related to NPTEL/SWAYAM/LSSSDC\* should carry a minimum of FOUR credit points

**Table IX: Semester-wise credit distribution**

Semester	Credit Points
I	30
II	29
III	24
IV	28
V	26
VI	30
VII	25
VIII	22
<b>Total credit points for the program</b>	<b>214</b>

## 11.PROGRAM COMMITTEE

- The B. Pharm. program shall have a Program Committee constituted by the Head of the institution in consultation with all the Heads of the departments.
- The composition of the Program Committee shall be as follows:

A senior teacher shall be the Chairperson; One Teacher from each department handling B. Pharm. courses; and four student representatives of the program (one from each academic year), be nominated by the Head of the institution.

### *Duties of the Program Committee:*

- Periodically reviewing the progress of the classes.
- Discussing the problems concerning curriculum, syllabus and the conduct of classes.
- Discussing with the course teachers on the nature and scope of assessment for the course and the same shall be announced to the students at the beginning of respective semesters.
- Communicating its recommendation to the Head of the institution on academic matters.
- The Program Committee shall meet at least thrice in a semester preferably at the end of each Sessional exam (Internal Assessment) and before the end semester exam.

## **12. EXAMINATIONS/ASSESSMENTS**

- The scheme for internal assessment and end-semester examinations is given in Table X.

## **13. END SEMESTER EXAMINATIONS**

- The End Semester Examinations for each theory and practical course through semesters I to VIII shall be conducted by the University



Table X: Schemes for internal assessments and end-semester examinations semester-wise

## Semester I

Course Code	Name of the Course	Continuous Mode	Internal Assessment			End Semester Exams		Total Marks
			Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP101T	Human Anatomy and Physiology– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP102T	Pharmaceutical Analysis I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP103T	Pharmaceutics I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP104T	Pharmaceutical Inorganic Chemistry– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP105T	Communication Skills – Theory*	20	30	2 Hr	50	---	---	50
BP106RBT BP106RMT	Remedial Biology*/ Mathematics – Theory*	20/ 25	30/ 50	2 Hr	50 /75	---	---	50/ 75
BP107P	Human Anatomy and Physiology – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP108P	Pharmaceutical Analysis I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP109P	Pharmaceutics I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP110P	Pharmaceutical Inorganic Chemistry– Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP111P	Communication Skills – Practical*	10	15	2 Hrs	25	---	---	25
BP112RBP	Remedial Biology– Practical*	10	15	2 Hrs	25	---	---	25
Total		#120/ 115\$	#190/195\$	#28/26\$ Hrs	310	440	28 Hrs	750

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

*#Applicable ONLY for the students who studied Mathematics / Physics / Chemistry at HSC and appeared for the Remedial Biology course.*

*\* These subjects are non-university examination as per PCI regulations*

Semester II

Course Code	Name of the Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP201T	Human Anatomy and Physiology II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP202T	Pharmaceutical Organic Chemistry I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP203T	Biochemistry – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP204T	Pathophysiology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP205T	Computer Applications in Pharmacy – Theory*	25	50	2 Hr	75	---	---	75
BP206T	Environmental Sciences – Theory*	25	50	2 Hr	75	---	---	75
BP207P	Human Anatomy and Physiology II – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP208P	Pharmaceutical Organic Chemistry I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP209P	Biochemistry – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP210P	Computer Applications in Pharmacy – Practical*	10	15	2 Hrs	25	---	---	25
Total		115	205	22 Hrs	320	405	24 Hrs	725
* These subjects are non-university examination as per PCI regulations								

## Semester III

Course Code	Name of the Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP301T	Pharmaceutical Organic Chemistry II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP302T	Physical Pharmaceutics I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP303T	Pharmaceutical Microbiology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP304T	Pharmaceutical Engineering – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP305P	Pharmaceutical Organic Chemistry II – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP306P	Physical Pharmaceutics I – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP307P	Pharmaceutical Microbiology – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP 308P	Pharmaceutical Engineering –Practical	5	10	4 Hr	15	35	4 Hrs	50
Total		60	100	20	160	440	28 Hrs	600

## Semester IV

Course Code	Name of the Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP401T	Pharmaceutical Organic Chemistry III–Theory	10	15	1 Hr	25	75	3 Hrs	100
BP402T	Medicinal Chemistry I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP403T	Physical Pharmaceutics II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP404T	Pharmacology I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP405T	Pharmacognosy I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP406P	Medicinal Chemistry I – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP407P	Physical Pharmaceutics II – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP408P	Pharmacology I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP409P	Pharmacognosy I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
Total		70	115	21 Hrs	185	515	31 Hrs	700

**Semester V**

Course Code	Name of the Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP501T	Medicinal Chemistry II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP502T	Industrial Pharmacy I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP503T	Pharmacology II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP504T	Pharmacognosy and Phytochemistry II– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP505T	Pharmaceutical Jurisprudence – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP506P	Industrial Pharmacy I– Practical	5	10	4 Hr	15	35	4 Hrs	50
BP507P	Pharmacology II – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP508P	Pharmacognosy and Phytochemistry II – Practical	5	10	4 Hr	15	35	4 Hrs	50
Total		65	105	17 Hrs	170	480	27 Hrs	650

**Semester VI**

Course Code	Name of the Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP601T	Medicinal Chemistry III – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP602T	Pharmacology III – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP603T	Herbal Drug Technology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP605T	Pharmaceutical Biotechnology– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP606T	Quality Assurance– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP607P	Medicinal Chemistry III – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP608P	Pharmacology III – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP609P	Herbal Drug Technology – Practical	5	10	4 Hrs	15	35	4 Hrs	50
Total		75	120	18 Hrs	195	555	30 Hrs	750

Semester VII

Course Code	Name of the Course	Internal Assessment			End Semester Exams			Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP701T	Instrumental Methods of Analysis – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP702T	Industrial Pharmacy II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP703T	Pharmacy Practice – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP704T	Novel Drug Delivery System – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP705P	Instrumental Methods of Analysis – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP706PS	Practice School*	50	100	5 Hrs	150	---	---	150
BP707P	Extracurricular/ Co-curricular /Training /Internship activities#	20	30	--	50	--	---	50
Total		115	200	13Hrs	315	335	16 Hrs	650
* These subjects are non-university examination as per PCI regulations, the subject expert shall conduct the examination. # The credit points of Extracurricular/Co-curricular/Training/Internship activities shall be given by the Dean of the school based on certificate/report submitted by the student.								

**Semester VIII**

Course Code	Name of the Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP801T	Biostatistics and Research Methodology	10	15	1 Hr	25	75	3 Hrs	100
BP802T	Social and Preventive Pharmacy	10	15	1 Hr	25	75	3 Hrs	100
BP803ET	Pharmaceutical Marketing Management	10 + 10= 20	15 + 15 = 30	1 + 1 = 2 Hrs	5 + 25 =50	75 + 75= 150	3 + 3 = 6Hrs	100+100=200
BP804ET	Pharmaceutical Regulatory Science							
BP805ET	Pharmacovigilance							
BP806ET	Quality Control and Standardization of Herbal							
BP807ET	Computer-Aided Drug Design							
BP808ET	Cell and Molecular Biology							
BP809ET	Cosmetic Science							
BP810ET	Experimental Pharmacology							
BP811ET	Advanced Instrumentation Techniques							
BP812ET	NPTEL/ SWAYAM/LSSSDC Courses							
BP813PW	Project Work	-	-	-	-	150	4 Hrs	150
Total		40	60	4 Hrs	100	450	16 Hrs	550

\*Course related to NPTEL/SWAYAM/LSSSDC\* should carry a minimum of FOUR credit points, may be considered as one of the elective subject.

## 14. INTERNAL ASSESSMENT: CONTINUOUS MODE

The marks allocated for the Continuous mode of Internal Assessment shall be awarded as per the scheme given below.

**Table-XI: Scheme for awarding internal assessment: Continuous mode**

Theory		
Criteria	Maximum Marks	
Attendance (Refer Table – XII)	4	2
Academic activities (Average of any 3 activities e.g. quiz, assignment, open book test, field work, group discussion and seminar)	3	1.5
Student – Teacher interaction	3	1.5
Total	10	5
Practical		
Attendance (Refer Table – XII)	2	
Based on Practical Records, Regular viva voce, etc.	3	
Total	5	

**Table- XII: Guidelines for the allotment of marks for attendance**

Percentage of Attendance	Theory	Practical
95 – 100	4	2
90 – 94	3	1.5
85 – 89	2	1
80 – 84	1	0.5
Less than 80	0	0

## 15. SESSIONAL EXAMS

- Two Sessional exams shall be conducted for each theory / practical course as per the schedule fixed by the college(s). The scheme of question papers for theory and practical Sessional examinations is given below. The average marks of two Sessional exams shall be computed for internal assessment as per the requirements given in tables – X.
- A sessional exam shall be conducted for 30 marks for theory and shall be computed for 15 marks. Similarly, the Sessional exam for practicals shall be conducted for 40 marks and shall be computed for 10 marks.

**Question paper pattern for theory Sessional examinations for subjects having University examination**

I. Objective Type Questions (5 x 2)	=	05 x 2 = 10
(Answer all the questions)		
I. Long Answers (Answer 1 out of 2)	=	1 x 10 = 10
II. Short Answers (Answer 2 out of 3)	=	2 x 5 = 10
Total	=	30 marks

**For subjects having Non University Sessional Examination**

I. Long Answers (Answer 1 out of 2)	=	1 x 10 = 10
II. Short Answers (Answer 4 out of 6)	=	4 x 5 = 20

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Total = 30 marks  
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**Question paper pattern for practical sessional examinations**

I. Synopsis	=	10
II. Experiments	=	25
III. Viva voce	=	05
Total	=	40 marks

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## 16. PROMOTION AND AWARD OF GRADES

- A student shall be declared PASS and eligible for getting grade in a course of B. Pharm. program if he/she secures at least 50% marks in that particular course including internal assessment. For example, to be declared as PASS and to get grade, the student has to secure a minimum of 50 marks for the total of 100 including continuous mode of assessment and end semester theory examination and has to secure a minimum of 25 marks for the total 50 including internal assessment and end semester practical examination.

## 17. CARRY FORWARD OF MARKS

- In case a student fails to secure the minimum 50% in any Theory or Practical course as specified in 12, then he/she shall reappear for the end semester examination of that course. However his/her



marks of the Internal Assessment shall be carried over and he/she shall be entitled for grade obtained by him/her on passing.

## **18. IMPROVEMENT OF INTERNAL ASSESSMENT**

- A student shall have the opportunity to improve his/her performance only once in the Sessional exam component of the internal assessment by paying internal assessment improvement fee of that subject prescribed by the university. The re-conduct of the Sessional exam shall be completed before the commencement of the next end-semester theory examinations.

## **19. RE-EXAMINATION OF END-SEMESTER EXAMINATIONS**

- Re-examination of end semester examination shall be conducted as per the schedule given in Table XIII. The exact dates of examinations shall be notified from time to time.

**Table-XIII: Tentative schedule of end semester examinations**

<b>Semester</b>	<b>For Regular Candidates</b>	<b>For Failed Candidates</b>
I, III, V and VII	November / December	May / June
II, IV, VI and VIII	May / June	November / December

## **20. QUESTION PAPER PATTERN FOR END-SEMESTER THEORY EXAMINATIONS**

### **For 75 marks paper**

Objective Type Questions (10 x 2) = 10 x 2 = 20

(Answer all the questions)

Long Answers (Answer 2 out of 3) = 2 x 10 = 20

Short Answers (Answer 7 out of 9) = 7 x 5 = 35

**Total** = **75 marks**

### **For 50 marks paper**

I. Long Answers (Answer 2 out of 3) = 2 x 10 = 20

II. Short Answers (Answer 6 out of 8) = 6 x 5 = 30

**Total** = **50 marks**

### **For 35 marks paper**

I. Long Answers (Answer 1 out of 2) = 1 x 10 = 10

II. Short Answers (Answer 5 out of 7) = 5 x 5 = 25

**Total** = **35 marks**

**Question paper pattern for end-semester practical examinations**

I. Synopsis	=	5
II. Experiments	=	25
III. Viva voce	=	5
Total	=	<b>35 marks</b>

**21. ACADEMIC PROGRESSION**

No student shall be admitted to any examination unless he/she fulfils the norms given in 6.

Academic progression rules are applicable as follows:

- (i) A student shall be eligible to carry forward all the courses of I, II and III semesters till the IV semester examinations. However, he/she shall not be eligible to attend the courses of V semester until all the courses of I and II semesters are successfully completed.
- (ii) A student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of I, II, III and IV semesters are successfully completed.
- (iii) A student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of all the semesters are successfully completed.
- (iv) A student shall be eligible to get his/her CGPA upon successful completion of the courses of I to VIII semesters within the stipulated time period as per the norms specified in 26.
- (v) A lateral entry student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of III and IV semesters are successfully completed.
- (vi) A lateral entry student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of III, IV, V, VI, VII and VIII semesters are successfully completed.
- (vii) A lateral entry student shall be eligible to get his/her CGPA upon successful completion of the courses of III to VIII semesters within the stipulated time period as per the norms specified in 26.
- (viii) Any student who has given more than 4 chances for successful completion of I / III semester courses and more than 3 chances for successful completion of II / IV semester

courses shall be permitted to attend V / VII semester classes ONLY during the subsequent academic year as the case may be. In simpler terms there shall NOT be any ODD BATCH for any semester.

***Note:** Grade AB should be considered as failed and treated as one head for deciding academic progression. Such rules are also applicable for those students who fail to register for examination(s) of any course in any semester.*

## **22. GRADING OF PERFORMANCES**

### **22.1. Letter grades and grade point allocations**

- Based on the performances, each student shall be awarded a final letter grade at the end of the semester for each course. The letter grades and their corresponding grade points are given in Table – XII.

**Table – XII: Letter grades and grade points equivalent to Percentage of marks and performances**

Percentage of Marks Obtained	Letter Grade	Grade Point	Performance
90.00 – 100	O	10	Outstanding
80.00 – 89.99	A	9	Excellent
70.00 – 79.99	B	8	Good
60.00 – 69.99	C	7	Fair
50.00 – 59.99	D	6	Average
Less than 50	F	0	Fail
Absent	AB	0	Fail

***Note:** A learner who remains absent for any end-semester examination shall be assigned a letter grade of AB and a corresponding grade point of zero. He/she should reappear for the said evaluation/examination in due course.*

## **23. THE SEMESTER GRADE POINT AVERAGE (SGPA)**

- The performance of a student in a semester is indicated by a number called ‘Semester Grade Point Average’ (SGPA). The SGPA is the weighted average of the grade points obtained in all the courses by the student during the semester. For example, if a student takes five courses (Theory/Practical) in a semester with credits C1, C2, C3, C4 and C5 and the student’s grade points in these courses are G1, G2, G3, G4 and G5, respectively, and then students’ SGPA is equal to:

$$SGPA = (C1G1 + C2G2 + C3G3 + C4G4 + C5G5) / (C1 + C2 + C3 + C4 + C5)$$

The SGPA is calculated to two decimal points. It should be noted that the SGPA for any semester shall take into consideration the F and ABS grades awarded in that semester. For example, if a learner has an F or ABS grade in course 4, the SGPA shall then be computed as:

$$SGPA = (C1G1 + C2G2 + C3G3 + C4* ZERO + C5G5) / (C1 + C2 + C3 + C4 + C5)$$

## 24. CUMULATIVE GRADE POINT AVERAGE (CGPA)

- The CGPA is calculated with the SGPA of all the VIII semesters to two decimal points and is indicated in final grade report card/final transcript showing the grades of all VIII semesters and their courses. The CGPA shall reflect the failed status in case of F grade(s), till the course(s) is/are passed. When the course(s) is/are passed by obtaining a pass grade on subsequent examination(s) the CGPA shall only reflect the new grade and not the fail grades earned earlier. The CGPA is calculated as:

$$CGPA = \frac{(C1S1 + C2S2 + C3S3 + C4S4 + C5S5 + C6S6 + C7S7 + C8S8)}{(C1 + C2 + C3 + C4 + C5 + C6 + C7 + C8)}$$

where C1, C2, C3,.... is the total number of credits for semesters I, II, III,.... and S1, S2, S3,.... is the SGPA of semesters I, II, III,....

## 25. DECLARATION OF CLASS

The class shall be awarded on the basis of CGPA as follows:

- (i) First Class with Distinction = CGPA of 7.50 and above
- (ii) First Class = CGPA of 6.00 to 7.49
- (iii) Second Class = CGPA of 5.00 to 5.99

## 26. PROJECT WORK

- All the students shall undertake a project under the supervision of a teacher and submit a report. The area of the project shall directly relate to any one of the elective subject opted by the student in semester VIII. The project shall be carried out in groups not exceeding 5 in number. The project report shall be submitted in triplicate (typed & bound copy not less than 25 pages).
- The internal and external examiner appointed by the University shall evaluate the project at the time of the Practical examinations of other semester(s). Students shall be evaluated

in groups for four hours (i.e., about half an hour for a group of five students). The projects shall be evaluated as per the criteria given below.

### ***Evaluation of Dissertation Book:***

Objective(s) of the work done	15 Marks
The methodology adopted	20 Marks
Results and Discussions	20 Marks
Conclusions and Outcomes	20 Marks
<b>Total</b>	<b>75 Marks</b>

### **Evaluation of Presentation**

Presentation Work	25 Marks
Communication skills	20 Marks
Question and answer skills	30 Marks
<b>Total</b>	<b>75 Marks</b>

*Explanation: The 75 marks assigned to the dissertation book shall be same for all the students in a group. However, the 75 marks assigned for the presentation shall be awarded based on the performance of individual students in the given criteria.*

## **27.INDUSTRIAL TRAINING (DESIRABLE)**

- Every candidate shall be required to work for at least 150 hours spread over four weeks in a Pharmaceutical Industry/Hospital. It includes Production unit, Quality Control department, Quality Assurance department, Analytical laboratory, Chemical manufacturing unit, Pharmaceutical R&D, Hospital (Clinical Pharmacy), Clinical Research Organization, Community Pharmacy, etc. After the Semester – VI and before the commencement of Semester – VII, and shall submit satisfactory report of such work and certificate duly signed by the authority of training organization to the head of the institute.

## **28. PRACTICE SCHOOL**

- In the VII semester, every candidate shall undergo practice school for a period of 150 hours evenly distributed throughout the semester. The student shall opt any one of the domains for practice school declared by the program committee from time to time.
- At the end of the practice school, every student shall submit a printed report (in triplicate) on the practice school he/she attended (not more than 25 pages). Along with the exams of semester VII, the report submitted by the student, knowledge and skills acquired by the student through practice school shall be evaluated by the subject experts at college level

and grade point shall be awarded.

## **29. AWARD OF RANKS**

- Ranks and Medals shall be awarded on the basis of final CGPA. However, candidates who fail in one or more courses during the B. Pharm. program shall not be eligible for award of ranks. Moreover, the candidates should have completed the B. Pharm. program in minimum prescribed number of years, (four years) for the award of Ranks.

## **30. AWARD OF DEGREE**

- Candidates who fulfil the requirements mentioned above shall be eligible for award of degree during the ensuing convocation.

## **31. DURATION FOR COMPLETION OF THE PROGRAM OF STUDY**

- The duration for the completion of the program shall be fixed as double the actual duration of the program and the students have to pass within the said period, otherwise they have to get fresh Registration.

## **32. RE-ADMISSION AFTER BREAK OF STUDY**

- Candidate who seeks re-admission to the program after break of study has to get the approval from the University by paying a condonation fee.
- No condonation is allowed for the candidate who has more than 2 years of break up period and he/she has to rejoin the program by paying the required fees.

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**Annexure I: UNFAIR Means (UFM) /Malpractice**  
**Procedure to be followed by the invigilator/Centre superintendent/observer in case of unfair means:**

1. As soon as any case of unfair means comes to the notice of the Invigilator, he/she shall bring it to the notice of the Centre Superintendent of the examination centre as well as the Observer appointed by the University.
2. The invigilator shall take possession of the Answer Book of the candidate along with paper or other material found in his possession and immediately provide the candidate with a second Answer Book.
3. The Superintendent shall record the time when the case was brought to his notice. He shall also record the time of issue on the second Answer Book. “(A): UFM-Main Answer Script” should be written on the page cover of the main answer script and “(B): UFM-Second Answer Script” on the cover page of the second answer book.
4. The Invigilator, who detects the use of UFM by a candidate, shall also record his statement about the UFM case in a specified UFM format.
5. The Centre Superintendent shall also give his statement in the specified UFM format.
6. The statements of the Invigilator and Centre Superintendent shall be in the presence of the observer and shall also submit his / her statement about the incident in the specified format.
7. In case the candidate refuses to give his statement, he should NOT BE forced to do so, only the fact of his refusal and the time of occurrence of the incident should be recorded by the Invigilator/s on duty. The statement of the candidate if any and the statement of the Invigilator/s are attested by the Centre Superintendent and countersigned by the observer.
8. The Examination Center Superintendent / Observer shall also provide the details of the UFM case to the controller of the examination office of the University through E-mail ONLY.
9. In case a student is found to have written something on the body part a photo of the same may be taken on the webcam available etc., if possible.
10. No extra time will be given for completing the Examination as a result of this procedure.
11. After the Examination is over, both of the answer books marked as A (confiscated copy) and B (freshly issued copy) along with the material found in possession and filled and

signed the prescribed form and countersigned by the observer shall be sent in a separate envelope marked **UFM** to the office of the controller of examination of the university.

12. In case a candidate has smuggled out an Answer Book, the Centre Superintendent should call the student directly and try to secure the Answer Book. In case of non-availability of the Answer Book, the matter should be reported to the police and a copy of the FIR should be sent to the office of the Controller of Examination along with the statement of the Invigilator present in the room, statement of the observer and also of the candidate (if candidate is available).
13. In case of impersonation, the Centre Superintendent shall report the matter to the POLICE. The centre superintendent shall also report the incident to the Controller of Examination of the University along with the detailed report with necessary documents duly countersigned by the observer.
14. In cases of misconduct of a serious nature, the matter should be reported to the police, if necessary. Statement of the Invigilator/s and that of the other concerned (e.g. Security person etc.) may be obtained and sent to the office of the Controller of Examination.
15. In the case of electronic gadgets, the clear photocopy of that from front and back, and the enlarged photocopy of the screenshot / the printout of the material stored in the electronic gadgets duly signed by the candidate, invigilator, Center Superintendent, and countersigned by observer MUST be attached with UFM report. The electronic gadgets need to be sent to the COE office of the University.

#### **Convening of The Committee on Unfair Means**

- A Committee (Standing Committee) appointed by the Vice-Chancellor shall enquire into cases of unfair means in the Examination. The students who are involved in UFM cases will be given a chance to submit their representation to the committee, if they want, during a period as specified via circular by the office of the Controller of Examination. The Committee shall thoroughly examine the cases based on the material/documents placed and the student report (if any). The committee shall submit its recommendations after laying down the nature of the offence to the Vice Chancellor for consideration and necessary orders.



**Table Showing Punishment Details for UNFAIR MEANS**

<b>A</b>	1.	Doesn't follow the instructions given by the Center Superintend / Invigilator.	A warning will be issued to the candidate not to repeat in future. If repeated, <b>CONCERNED PAPER</b> will be awarded <b>ZERO</b> marks or "F" grade.
	2.	Communicate with another examinee or try to pass on information even after a word of caution from the invigilator or any competent authority.	
	3.	Any sort of writing on the question paper except the Roll No. at the given space.	
	4.	Any exam-relevant literature found near or just beneath his/her seat but he/she has not copied from the said material as ascertained by the Center Superintend / Observer/invigilator.	
	5.	Use of indecent or abusive words in the answer book.	
	6.	Attempts to remove Encrypted code / Bar Code or any sticker from the answer book.	
	7.	Indulges in writing the matter relevant to subject before commencement of examination	
	8.	Attempts oral communication with another examinee	
	9.	Indecent behaviour at the examination centre or in the examination hall	
<b>B</b>	10.	If the examinee is found in possession notes, chits, answer book of any other examinee, etc. however he/she has not written from the said material in his/her answer book	Cancellation of result of <b>CONCERNED PAPER</b> and will be awarded <b>ZERO</b> marks or "F" grade in that paper.
	11.	Deliberately reveals his identity or intentionally makes some irrelevant symbols sketches etc. in the answer book which may reveal his identity.	
	12.	Possess any sort of exam relevant material in the examination hall or even outside the examination hall like toilet, lobby etc. or tries to contact any unauthorized person during the exam timings	
	13.	Brings any electronic gadgets (except memory less scientific calculator if permitted in that paper) in the examination hall.	
	14.	Attempts to bribe the examiner by mentioning address, contact detail, Mobile No. etc. or to contact the examiner directly or through any representative for his/her favor	
	15.	Any sort of writing on the question paper regarding solution of the questions.	
<b>C</b>	16.	Examinee has copied from the subject exam relevant material, scribbled on chits, compass box, calculator, pad, cloth, handkerchief, dress or any part of the body or stored in electronic gadgets including mobile-phone.	Cancellation of result of the <b>CONCERNED PAPER</b> and two other paper in which the

	17.	The examinee has indulged in exchange of an answer book with another examinee.	candidate has secured the minimum marks percentage among the rest of the papers except the paper in which candidate has UFM. That is total three papers will be awarded ZERO marks or “F” grades.
	18.	The examinee has copied from another examinee or deliberately allows another examinee to copy from his own answer book or pass on the exam-relevant material or literature in any form to another examinee in the exam hall.	
	19.	If the examiner find some written/printed papers etc. of exam-related material from the answer book of an examinee	
	20.	Attempts to get rid of or to destroy any kind of exam relevant prohibited material with which he is caught or helps other in such an act	
	21.	Examinee is found to throw away his answer book, supplementary, question paper, practical job or part thereof	
	22.	If the examinee is found to have torn the answer book, question paper, any other exam-related material or part there of his/her own or other examinee	
	23.	If the examiner reports that the examinee's answer book is written with more than one type of handwriting	
	24.	If the examiner reports missing pages or additional pages in the answer book of the examinee	
	25.	If the examinee obstructs the process of conducting the examination in any way.	
	26.	If the examinee tries to destroy the evidence by chewing the chit or in any other manner, which was found in his possession during the examination	
	27.	If the examinee attempts to bribe by way of Keeping currency notes in his/her answer book	
	28.	If the examination committee is satisfied with the report of the examiner that the candidate has copied from	
	29.	Possess any sort of exam-relevant material written/printed compass box, calculator, pad, cloth, handkerchief, dress or any part of the body or stored in electronic gadgets including mobile-phone. in the examination hall or even outside the examination hall like lobby etc.	
<b>D</b>	30.	If the examinee obstructs/threatens orally or assaults the invigilator or any competent authority on exam duty.	Cancellation of result of the all the theory papers in that semester (all the theory papers in that semester will be awarded ZERO marks or “F” grades).
	31.	Tries to bring duly written answer book or supplementary from outside	
	32.	If the examinee is found with bulk material like a book, notebook, short notes etc. related to the concerned paper.	

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<b>E</b>	33.	If a person impersonates as examinee and if this is detected during or after the examination.	Cancellation of result of the all the theory papers and practical examination in that semester will be cancelled. (All the theory and practical papers will be awarded ZERO marks or “F” grades in that semester).
	34.	If the examinee carries away an answer book, supplementary or practical job or part thereof outside the exam hall.	
	35.	Leaves the examination hall without submitting his answer book or tries to destroy it.	
	36.	If the examinee is not appearing in that examination but is a candidate of another examination of the university behaves in an indiscipline manner during a particular examination or helps other examinee in using unfair means.	
<b>F</b>	37.	Possesses Gun, Revolver, Knife or any other prohibited weapon in or around the exam hall.	Cancellation of the result of all the theory papers and practical examinations (i.e. the papers and practical examination will be awarded ZERO marks or “F” grades) in that YEAR and the candidate has to repeat that session
	38.	Physically assaulting the invigilator or any competent authority on exam duty.	
<b>G</b>	39.	In a Carryover Paper, If unauthorized material is found with the candidate in bulk such as books, huge cheating material, etc. it shows the clear intention of copying.	The candidate shall be awarded zero marks or ‘F’ grade in that Carryover paper and will not be allowed to appear in that paper for next one year.
<b>D</b>	40.	If during the examination or afterwards any examinee is found to have indulged in unfair means other than specified in A to G as above and which has been bearing on the examination or result of the examinee and/or any other examinee.	The examination committee shall decide the penalty depending upon the nature and complexity of the involvement of the examinee on case to case basis.

**Note:** The result of the student will be declared after the implementation of the decision of examination committee.



# JSS UNIVERSITY

C-20/1 SECTOR 62, NOIDA UP – 201301

## VISION

JSS University Noida aims to become an Institution of excellence in imparting quality Outcome Based Education that empowers the young generation with Knowledge, Skills, Research, Aptitude and Ethical values to solve Contemporary Challenging Problems.



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