

***Ordinance – Doctor of Pharmacy (Pharm.D) Examination** (w.e.f. the session 2012-13)
&
Doctor of Pharmacy (Post Baccalaureate) (w.e.f. the session 2014-15)
(Annual System)

1.1 The duration of the course of instruction leading to the award of Degree of Doctor of Pharmacy (Pharm.D) shall be **six** academic years (five years of study and **one year of internship or residency**). Each year shall have actual teaching for a minimum of 200 days excluding admission, preparation and examination days.

The examination shall be held in six Parts i.e. Part - I at the end of the course of First Year, Part - II at the end of the course of Second year and so on, ordinarily in the month of **May/June** on such dates as may be fixed by the Vice-Chancellor and notified by the Controller of Examinations.

®1.2 **For Doctor of Pharmacy (Post Baccalaureate):**

The duration of the course shall be of three academic years (two years of study and one year internship or residency) full time with each academic year spread over a period of not less than two hundred working days. The period of three years duration is divided into two phases –

Phase I – Consisting of First and Second Academic year.

Phase II – Consisting of Internship or residency training during third year involving posting in speciality units. It is a phase of training wherein a student is exposed to actual pharmacy practice or clinical pharmacy services, and acquires skill under supervision so that he or she may become capable of functioning independently.

®1.3 The examination shall be held twice in a year, one Annual at the end of the session i.e. in **May/June** and the other **Supplementary in November/December** on such dates as may be fixed by the Vice-Chancellor and notified by the Controller of Examinations.

® 1.4. The period of six years duration shall be divided into two phases:-

Phase-I shall comprise First, Second, Third, Fourth and Fifth academic year.

Phase-II shall comprise internship or residency training during sixth year involving posting in speciality units. It is a phase of training wherein a student is exposed to actual pharmacy practice or clinical pharmacy services and acquires skill under the supervision of a teacher appointed by the Principal of the College/Institute so that he or she may become capable of functioning independently.

®2.1 A person who attains the age of 17 years on or before 31st December of the year of admission to the course and has passed any of the following examinations, shall be eligible for admission to the Pharm.D course:-

(i) 10+2 examination with atleast five subjects including English, Physics and Chemistry as compulsory subjects alongwith one of the subjects of Mathematics and Biology.

(ii) A pass in D.Pharm. course from an Institution approved by the Pharmacy Council of India under Section 12 of the Pharmacy Act;

(iii) Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations.

Provided that the National Reservation policy as applicable to the self-financing institutions shall be followed.

®2.2 **For Doctor of Pharmacy (Post Baccalaureate):**

‘A pass in B.Pharm. course from an Institution/College approved by the Pharmacy Council of India.

3. The examination of Part-I/II/III/IV/V shall be open to a student:-

- (a) has passed the requisite qualifying examination as laid down in Clause 2, if he/she is a candidate for Part-I examination or has passed the preceding year examination if he is a candidate for the second/third/fourth/fifth year examination, as the case may be, or is covered under Clause 4.2 below.
- (b) has his/her name submitted to the Controller of Examinations by the Principal of Pharmacy College and produces the following certificates signed by the Principal of the College :-
 - (i) good character;
 - (ii) of having remained on the rolls of the College of Pharmacy for the academic year preceding the examination;
 - (iii) of having attended not less than 80% of the classes held both in theory and in practical separately in each of the subjects.

Provided that the candidate who has not attended the requisite number of classes for any subject(s) will be eligible to take examination in the remaining subject(s).

In exceptional cases, the Principal of the College/Institute may condone shortage of attendance upto 10% of the total lectures delivered in each paper, on merit of each case.

Explanation: -

For the purpose of counting of the last date when the classes shall break up for the preparatory holidays, first day of the commencement of the examination will apply to all yearly examinations and classes for all the parts will have the preparatory holidays from the same date i.e. 10 days before the date on which the first examination of any Part commences.

4.1 A candidate who has failed in not more than two paper(s) of I/ II/ III/IV/V shall be promoted provisionally to the Part-II/ III/IV/ V/VI respectively, as the case may be as mentioned below:-

From Part- I to Part -II	If he/she has passed all the papers of Part-I or has earned exemption <u>in maximum two paper(s)</u> only of Part-I.
From Part-II to Part-III	If he/she has passed all the papers of Part-I and has got exemption <u>in maximum two paper(s)</u> only of Part-II.
From Part-III to Part-IV	If he/she has passed all the papers of Part-I & II and has got exemption <u>in maximum two paper(s)</u> only of Part-III.
From Part-IV to Part-V	If he/she has passed all the papers of Part-I, II & III and has got exemption <u>in maximum two paper(s)</u> only of Part-IV.
From Part-V to Part-VI	If he/she has passed all the papers of Part-I, II, III & IV and has got exemption <u>in maximum two paper(s)</u> only of

- 4.2 A candidate who has failed in one or more paper(s) or having been eligible fails to appear in an examination shall be allowed two additional chances only, on the recommendation of the Principal of the Institute, to pass the examination subject to Clause 12 below. Such a candidate may be exempted from re-appearing in the paper/ practicals in which he/she may have obtained at least 50% marks.
- 4.3 A student who fails in theory or practical examination of a paper shall re-appear both in theory and practical of the same paper. However, if the candidate fails in **more than two** papers in the main examination, he/she shall not be allowed to continue his/her studies in the next higher class until he/she has fulfilled the requirement of promotion to the next higher class. Theory and Practical of a particular subject are considered as individual subjects for the purpose of pass criteria.
5. The examination shall be held according to the Scheme of Examinations and Syllabus prescribed by the Academic Council. A candidate who has re-appear in an examination or having been eligible fails to appear in the examination shall take the examination according to syllabus prescribed by the University for regular students. Provided that the syllabus for the candidates of supplementary examinations shall be the same as was in force in the last annual examination.
- 6.1 30 marks for each theory and 30 marks for each practical subject out of 100 marks in each shall be allotted as sessional marks. A regular record of both theory and practical class work and examinations conducted in an institution imparting training for Pharm.D. course, shall be maintained for each student in the institution.
- 6.2 The sessional marks in practicals shall be allotted on the following basis:-
(i) Actual performance in the sessional examination.
(ii) Day-to-day assessment in the practical class work, promptness, viva-voce record maintenance, etc.
- 6.3 There shall be three periodic sessional examinations during each academic year and the highest aggregate of any two sessional examinations shall form the basis of calculating sessional marks.
- 7.1 Every student shall be posted in MM Hospital, Mullana approved by the Principal of the College/Institute for a period of not less than 50 hours of Practical Training to be covered each in Second, Third and Fourth year course. Each student shall submit Practical Training Report duly certified by the concerned teacher and the Principal of the College/Institution to the Controller of the Examinations within a period of 30 days of completion of practical training.
- 7.2 In the Fifth year, every student shall spend half a day in the morning hours attending ward rounds on daily basis as a part of clerkship. Theory teaching will be scheduled in the afternoon. Oral examination shall be conducted after the completion of clerkship of students. An external and an internal examiner will evaluate the student. Students shall be asked to present the allotted medical cases followed by discussion. Students' capabilities in delivering clinical pharmacy services, pharmaceutical care, planning and knowledge of therapeutics shall be assessed.
- 8.1 The Project Topic related to the Pharmacy practice in community, hospital and clinical set-up shall be approved by the Principal of the College/Institute and announced to students within one month of commencement of the Fifth year classes. Project work shall

be carried out under the supervision of a teacher and shall be presented in a written report and as a seminar at the end of the year. The external and the internal examiners shall do the assessment of the Project work.

8.2 The Project Topic shall also be approved by the Institutional Ethics Committee. The students shall present at least three seminars one in the beginning, one at middle and one at the end of the Project work and two page write-up of the Project indicating title, objectives, methodology anticipated benefits and references shall be submitted to the Principal of the College/Institute. The average of best two seminars shall be forwarded to the University with marks of other subjects. The student shall submit his/her Project Report to the Controller of Examinations atleast one month prior to the

commencement of annual examination. The Project Report will include a certificate issued by the concerned teacher duly countersigned by the Principal of the College/Institute to this effect that the Project Work carried out by the candidate is original and not similar to one which has already been submitted by other candidate(s).

8.3 Evaluation of the project work shall be done on the following items: (a) Write-up of the seminar (b) Presentation of work (c) Communication skills (d) Question and answer skills, as per marks allotted in the Scheme of Examination and Syllabus for the course.

Explanation.— For the purposes of differentiation in the evaluation in case of topic being the same for the group of students, the same shall be done based on item numbers (b), (c) and (d) mentioned above.

9.1 Every candidate shall be required, after passing the fifth year of Pharm.D examination, to undergo compulsory rotational internship for a period of twelve months, to the satisfaction of the Principal of the College/Institute concerned and to submit Training Report to the University at the end of internship by 30th June of the year for evaluation. Internship including postings in speciality units. Student should independently provide the clinical pharmacy services to the allotted wards:

- (i) Six months in General Medicine Department and;
- (ii) Two months each in three other speciality Departments.

9.2 (i) The intern student shall maintain a record of work which is to be verified and certified by the preceptor (teacher practitioner) under whom he works. Apart from scrutiny of the record of work, assessment and evaluation of training shall be undertaken by an objective approach using situation tests in knowledge, skills and attitude during and at the end of the training by the preceptor. Based on the scrutiny of the record of work and evaluation of training, the Principal of the College/Institute shall issue Certificate of satisfactory completion of training, following which the University shall declare him eligible for the award of degree.

- (ii) Satisfactory completion of internship shall be determined on the basis of the following:-
 - (1) Proficiency of knowledge required for each case management SCORE 0-5;
 - (2) The competency in skills expected for providing Clinical Pharmacy Services SCORE 0-5;

- (3) Responsibility, punctuality, work up of case, involvement in patient care SCORE 0-5;
- (4) Ability to work in a team (Behavior with other healthcare professionals including medical doctors, nursing staff and colleagues). SCORE 0-5;
- (5) Initiative, participation in discussions, research aptitude. SCORE 0-5;

Poor	Fair	Below Average	Average	Above Average	Excellent
0	1	2	3	4	5

A Score of less than 3 in any of above items will be considered as **Unsatisfactory** completion of internship. In case the candidate does not complete the internship satisfactorily, he/she shall have to repeat the internship.

- 10. The medium of instruction and examination shall be English.
- 11. The amount of examination fee to be paid by regular/re appear candidate for each part shall be as prescribed by the University from time to time.
- 12. A candidate must pass the whole course including internship within a period of ten years of his /her admission to the first year of Pharm.D course failing which he/she will be required to repeat the whole course de novo.
- Ⓜ Provided that the period of the whole course of Pharm.D (Post Baccalaureate) including internship shall be six years of his/her admission to the first year of Pharm.D (Post Baccalaureate)
- 13. The minimum marks required to pass the examination shall be as under:-
 - (i) 50% marks in each of the theory subjects including sessional marks.
 - (ii) 50% marks in each of the practical examinations including sessional marks.
- 14. The successful candidates of Part-1/II/III/IV/V/VI shall be classified and the division obtained by the candidate will be stated in his/her Pharm.D degree, as under:-
 - (i) Those who obtain 75% marks or above in any subject(s) ... First Class with Distinction in the subject(s)
 - (ii) Those who obtain 60% marks or above in aggregate in all subjects in a single attempt. ... First Class
 - (iii) Those who obtain 50% marks or above in aggregate in all subjects. ... Second Class
- 15. After the termination of the examination, the Controller of Examinations shall publish the result of the candidates and issue Detailed-Marks-Cards as expeditiously as possible.
- 16. Notwithstanding the integrated nature of this course which is spread over more than one academic year, the Ordinance in force at the time a student joins the course, shall hold good only for the examination held during or at the end of the academic year and nothing in this Ordinance shall be deemed to debar the University from amending the Ordinance and the amended Ordinance, if any, shall apply to all students whether old or new.

***Approved by the Academic Council Res. No. 24 dated 25-10-2012 and Board of Management Res. No. 4 dated 18-1-2013.**

® Approved/amended by the Academic Council Res. No. 4 dated 21-11-2014 and Board of Management Res. No. 4 dated 21-11-2014