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UNIVERSITY, Roorkee
ENLIGHTENING WORLD

Ordinance
for

Diploma in Pharmacy (D. Pharm.)

[Academic Session 2016-17 onwards]



Faculty of Pharmaceutical Sciences,
Motherhood University, Roorkee,
District- Haridwar, Uttarakhand.

QNV

Principal

Faculty of Pharmaceutical Sciences
Motherhood University, Roorkee

ORDINANCE RELATING TO DIPLOMA IN PHARMACY (D. Pharm.) COURSE

**Chapter-1
General**

1. This ordinance may be called Ordinances Relating to "Diploma in Pharmacy (D. Pharm.) Course".
2. It shall come into force with immediate effect.

**Chapter-2
Eligibility for Admission**

3. (i) An applicant for being eligible to be admitted in the First year of D. Pharm. Course should be at least 17 years of age as on 31st December of the year of admission.
 - (ii) An applicant who has passed Intermediate Examination of U.K. Board or an equivalent examination from any other recognized Board / University with Physics and Chemistry as compulsory subjects along with Mathematics / Bio-technology/ Computer Science / Biology as an optional subject will be eligible for admission in the first year of the D. Pharm. course through an Entrance Examination and counseling to be conducted by or on behalf of the University.
 - (iii) The admission shall be on the basis of merit in the Entrance Examination and counseling provided that an applicant, who has an aggregate of 45 percent marks (40 percent for SC/ST) or more in the afore-mentioned three subjects and not less than 40 percent marks (35 percent for SC/ST) in individual subjects shall be eligible to be considered for direct admission against seats, which might not have been filled up through the Entrance Examination and counseling.

**Chapter-3
Teaching Course**

4. Diploma in Pharmacy (Part-I and Part-II):-

[Minimum qualification for admission to Diploma in Pharmacy Part-I course -A pass in any of the following examinations with Physics, Chemistry and Biology or Mathematics.

- (1) Intermediate examination in Science;
- (2) The first year of the three year degree course in Science,
- (3) 10+2 examination (academic stream) in Science;
- (4) Pre degree examination;
- (5) Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examination.

Provided that there shall be reservation of seats for Scheduled Caste and Scheduled Tribes candidates in accordance with the instructions issued by the Central Govt. /State Govts./Union Territory Adms. as the case may be from time to time]

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5. Duration of the course:-

The duration of the course shall be for two academic years with each academic year spread over a period of not less than one hundred and eighty (180) teaching days in addition to 500 hours practical training spread over a period of not less than 3 months.

6. Course of study:-

The course of study for Diploma in Pharmacy Part-I and Diploma in Pharmacy Part-II shall include the subjects as given in the Tables I & II below. The number of hour devoted to each subject for its teaching in Theory and Practical, shall not be less than that noted against it in columns 2 and 3 of the Tables below.

5. The study and evaluation scheme of the course shall be as given below:

(Abbr: L-Lecture, T-Tutorial, P-Practical, CT-Cumulative Test, TA-Teacher's Assessment, AE-Annual Exam)

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Diploma in Pharmacy (Part- I)

TABLE-I

First Year

S. No.	Subject Code	Subject	Periods			Evaluation Scheme		Subject Total
			L	P	No. of Hours	*Sessional Exam	Annual Exam	
THEORY								
1	MUDPH 101	Pharmaceutics-I	3	-	75	20	80	100
2	MUDPH 102	Pharmaceutical chemistry-I	3	-	75	20	80	100
3	MUDPH 103	Pharmacognosy	3	-	75	20	80	100
4	MUDPH 104	Bio-chemistry and Clinical pathology	3	-	50	20	80	100
5	MUDPH 105	Human Anatomy and Physiology	3	-	75	20	80	100
6	MUDPH 106	Health Education and Community Pharmacy	3	-	50	20	80	100
PRACTICAL/TRAINING/PROJECT								
7	MUDPH 107P	Pharmaceutics-I (Practical)	-	4	100	20	80	100
8	MUDPH 108P	Pharmaceutical chemistry-I (Practical)	-	4	75	20	80	100
9	MUDPH 109P	Pharmacognosy (Practical)	-	4	75	20	80	100
10	MUDPH 110P	Bio-chemistry and Clinical pathology (Practical)	-	4	75	20	80	100
11	MUDPH 111P	Human Anatomy and Physiology (Practical)	-	4	50	20	80	100
Total			18	20	775	220	880	1100

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Diploma in Pharmacy (Part-II)

TABLE-II

Second Year

S. No.	Subject Code	Subject	Periods			Evaluation Scheme		Subject Total
			L	P	No. of Hours	*Sessional Exam	Annual Exam	
THEORY								
1	MUDPH 201	Pharmaceutics-II	3	-	75	20	80	100
2	MUDPH 202	Pharmaceutical chemistry-II	3	-	100	20	80	100
3	MUDPH 203	Pharmacology & Toxicology	3	-	75	20	80	100
4	MUDPH 204	Pharmaceutical Jurisprudence	3	-	50	20	80	100
5	MUDPH 205	Drug Store and Business Management	3	-	75	20	80	100
6	MUDPH 206	Hospital and Clinical Pharmacy	3	-	75	20	80	100
PRACTICAL/TRAINING/PROJECT								
7	MUDPH 207P	Pharmaceutics-II (Practical)	-	4	100	20	80	100
8	MUDPH 208P	Pharmaceutical chemistry-II (Practical)	-	4	75	20	80	100
9	MUDPH 209P	Pharmacology & Toxicology (Practical)	-	4	50	20	80	100
10	MUDPH 210P	Hospital and Clinical Pharmacy (Practical)	-	4	50	20	80	100
Total			18	16	725	200	800	1000

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Chapter-4
Attendance

6. The students are expected to attend all the classes including lectures, tutorials, practicals and other prescribed curricular and co-curricular programmes, and should not have less than 75% attendance in the theory and the practical classes as well as in other prescribed programmes.

Chapter-5
Examination

There shall be an examination for Diploma in Pharmacy (Part-I) to examine students of the first year course and an examination for Diploma in Pharmacy (Part-II) to examine students of the second year course . Each examination may be held twice every year. The first examination in a year shall be the annual examination and the second examination shall be supplementary examination of the Diploma in Pharmacy (Part-I) or Diploma in Pharmacy (Part-II), as the case may be. The examinations shall be of written and practical (including oral) nature, carrying maximum marks for each part of a subject, as indicated in Table I and II as above.

7. The performance of a student in an academic year shall be evaluated through continuous class assessment and annual examination. The continuous assessment shall be based on class tests, assignments/tutorial quizzes/viva-voce and attendance. The marks for continuous assessment (sessional marks) shall be awarded at the end of the year. The end-term examination shall comprise written papers, practicals, project work, reports of a combination thereof.
8. The distribution of marks for sessional, end-term theory papers, practicals, project and industrial/hospital visit shall be as indicated in clause 6 above.

9. The marks obtained in a subject shall consist of marks awarded in the end-term theory paper, practical examination and sessional work.

10. Eligibility for appearing at the Diploma in Pharmacy Part-I examination:-

Only such candidates who produce certificate from the Head of the Academic institution in which he /she has undergone the Diploma in Pharmacy Part-I course, in proof of his /her having regularly and satisfactorily undergone the course of study by attending not less than 75% of the classes held both in theory and in practical separately in each subject shall be eligible for appearing at the Diploma in Pharmacy (Part-I) examination.

11. Eligibility for appearing at the Diploma in Pharmacy Part-II examination:-

Only such candidates who produce certificate from the Head of the academic institution in which he/she has undergone the Diploma in Pharmacy Part-II course , in proof of his /her having regularly and satisfactorily undergone the Diploma in Pharmacy Part-II course by attending not less than 75% of the classes held both in theory and in practical separately in each subject shall be eligible for appearing at the Diploma in Pharmacy (Part-II) examination.


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12. Mode of examinations:-

- (1) Each theory and practical examination in the subjects mentioned in Table-III & IV shall be of three hours duration.
- (2) A Candidate who fails in theory or practical examination of a subject shall re-appear both in theory and practical of the same subject.
- (3) Practical examination shall also consist of a viva-voce (Oral) examination.

13. Award of Sessional Marks:

Sessional marks for theory subjects, practicals and projects shall be awarded as per the breakup of sessional marks given below:-

- | | |
|---|----------|
| (a) Theory Subjects: | |
| (i) Class tests which will comprise three mid-term tests of equal weightage | 20 marks |
| (ii) Teachers Assessment based on Tutorial/Assignments/Quizzes | 10 Marks |
| (b) Practicals: | |
| (i) Three mid-term viva-voce tests of equal weightage | 10 marks |
| (ii) Teacher's Assessment based on Lab Record | 10 marks |

(c) Make-up test may be held for those students who fail to appear in any one of the midterm class tests for genuine unavoidable reasons, provided prior permission was obtained from the Principal.

14. Minimum marks for passing the examination: A student:-

shall not be declared to have passed Diploma in Pharmacy examination unless he /she secures at least 50% marks in each of the subject separately in the theory examinations, including sessional marks and at least 50% marks in each of the practical examinations, including sessional marks. The candidates securing 60% marks or above in aggregate in all subjects in a single attempt at the Diploma in Pharmacy (Part-I) or Diploma in Pharmacy (Part-II) examinations shall be declared to have passed in first class the Diploma in Pharmacy (Part-I) or Diploma in Pharmacy (Part-II) examinations, as the case may be. Candidates securing 75% marks or above in any subject or subjects shall be declared to have passed with distinction in the subject or those subjects provided he/she passes in all the subjects in a single attempt.

15. Eligibility for promotion to Diploma in Pharmacy (Part-II):-

All candidates who have appeared for all the subjects and passed the Diploma in Pharmacy Part-I examination are eligible for promotion to the Diploma in Pharmacy Part-II class. However, failure in more than two subject shall debar him/ from promotion to the Diploma in Pharmacy Part-II class.

16. Improvement of sessional marks:-

Candidates who wish to improve sessional marks can do so, by appearing in two additional sessional examinations during the next academic year. The average score of the two examinations shall be the basis for improved sessional marks in theory. The sessional of practicals shall be improved by appearing in additional practical examinations. Marks awarded to a candidate for day to day assessment in the practical class can not be improved unless he /she attends a regular course of study again.

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Chapter-6
Practical Training

Diploma in Pharmacy (Part-III)

17. Period and other conditions for Practical Training:-

- (1) After having appeared in Part-II examination for the Diploma in Pharmacy, conducted by Board/University or other approved Examining Body or any other course accepted as being equivalent by the Pharmacy Council of India, a candidate shall be eligible to undergo practical training in one or more of the following institutions namely:
- (i) Hospitals/Dispensaries run by Central/State Gov
 - (ii) A Pharmacy, Chemist and Druggist licensed under the Drugs and Cosmetics Rules, 1945 made under the Drugs and Cosmetics Act, 1940 (23 of 194
 - (iii) Drugs manufacturing Unit licensed under the Drugs and Cosmetics Act, 1940 & rules made there under.
- (2) The institutions referred in sub-regulation (1) shall be eligible to impart training subject to the condition that number of student pharmacists that may be taken in any hospital, pharmacy, chemist and druggist and drugs manufacturing unit licensed under the Drugs and Cosmetics Rules, 1945 made under the Drugs and Cosmetics Act, 1940 shall not exceed two where there is one registered pharmacist engaged in the work in which the student pharmacist is undergoing practical training, where there is more than one registered pharmacist similarly engaged, the number shall not exceed one for each additional such registered pharmacist.
- (3) Hospital and Dispensary other than those specified in sub-regulation (1) for the purpose of giving practical training shall have to be recognised by Pharmacy Council of India on fulfilling the conditions specified in Appendix â€ˆD to these regulations.
- (4) In the course of practical training, the trainee shall have exposure to
- (i) Working knowledge of keeping of records required by various Acts concerning the profession of Pharmacy, and
 - (ii) Practical experience in-
 - (a) The manipulation of pharmaceutical apparatus in common use.
 - (b) The reading, translation and copying of prescription including checking of doses;
 - (c) The dispensing of prescription illustrating the commoner methods of administering medicaments; and
 - (d) The storage of drugs and medical preparations.
- (5) The practical training shall be not less than five hundred hours spread over a period of not less than three months, provided that not less than two hundred and fifty hours are devoted to actual dispensing of prescriptions.
- 18. Procedure to be followed prior to commencing of the training:-**
- (1) The head of an academic training institution, on application, shall supply in triplicate 'Practical Training Contract Form for qualification as a Pharmacist' (hereinafter referred to as the Contract Form) to candidate eligible to under take the said practical training. The Contract Form shall be as specified in Appendix-E to these regulations.
- (2) The Head of an academic training institution shall fill section I of the Contract Form. The trainee shall fill Section II of the said Contract Form and the Head of the institution agreeing to impart the training (hereinafter referred to as the Apprentice Master) shall fill Section III of the said Contract Form.
- (3) It shall be the responsibility of the trainee to ensure that one copy (hereinafter referred

to as the first copy of the Contract Form) so filed is submitted to the Head of the academic training institution and the other two copies (hereinafter referred to as the Second copy and the third copy) shall be filed with the Apprentice Master (if he so desires) or with the trainee pending completion of the training.

19. Certificate of passing Diploma in Pharmacy Part-III:-

On satisfactory completion of the apprentice period, the Apprentice Master shall fill SECTION IV of the second copy and third copy of the Contract Form and cause it to be sent to the head of the academic training institution who shall suitably enter in the first three copies of Contract Form and thereafter hand over both the second copy and third copy to the trainee.

This, if completed in all respects, shall be regarded as a certificate of having successfully completed the course of Diploma in Pharmacy (Part-III).


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Chapter-7
Paper setting & Evaluation

20. There shall be at least 50% external paper setters and 50% external examiners for evaluation of answer books.

Chapter-8
Result

21. Examination results shall be prepared at the end of each academic year by taking into account the marks obtained in all the semester till date.

22. (a) A candidate shall be declared as passed at the end of an academic year if he/she secures minimum (including sessionals) 50% marks in each theory paper practical paper respectively.
- (b) Those who failed to satisfy the clause 22(a) in not more than 3 theory subject & one practical subjects on the basis of result of all examination of a particular academic year, shall be promoted provisionally subject to the condition that he/she will have to secure 50% after reappearing in that particular theory, practical paper respectively.
- (c) All those who are declared as passed at the end of the first academic year shall be promoted to the second academic year.
- (d) A candidate who satisfies the requirement of clause 22(b) will be required to appear in those theory papers, in which he/she failed, as supplementary examination.

23. Certificate of Diploma in Pharmacy:

A certificate of Diploma in Pharmacy shall be granted by the Examining Authority to a successful candidate on producing certificate of having passed the Diploma in Pharmacy Part I and Part II and satisfactory completion of practical training for Diploma in Pharmacy (Part-III).

24. Miscellaneous:

No course of training in pharmacy shall be considered for approval under regulation 18 unless it satisfies all the conditions prescribed under these regulations.

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