



BAHRA UNIVERSITY
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Bahra University notified vide H.P. Govt. Notification no. LLR – D (6)-28/2010- Leg. Dated 29th September, 2010 and Bahra University (Establishment And Regulation Act, 2010) Act No. 2 of 2011. Himachal Pradesh Government Notification LLR-D (6)-36/2010 Leg. Dated 27th January, 2011 and approved under section 22 of the UGC Act vide letter No. 8-34/2011 (CPP-I/PU) Dated 8th July, 2011 and member of Association of Indian Universities vide letter No. Meet/GC/336/2015 Dated 15th December, 2015.

ACADEMIC REGULATIONS 2024

For Diploma in Pharmacy (D. Pharm.) Program

Of

Pharmaceutical Sciences



VISION

To establish knowledge creation and learning university to generate value based competent professionals and globally competitive human capital comparable with the best in the world through research driven multi-disciplinary and inter disciplinary approach, continuous learning, societal responsiveness and strategic partnership with the industry while being locally and globally responsive.

MISSION

Within a vibrant, ever-challenging and supportive learning environment, Bahra University discovers, disseminates and applies new knowledge through teaching and learning, research and creative activity, community involvement and partnerships. The Bahra University shall groom individuals for the day to day challenges of life by developing their intrinsic human abilities, provides a skilled human resource for the job market, who would contribute to the advancement of knowledge in the larger perspective. Bahra University, would thus, become a channel for giving a national and international voice to innovation, thus ultimately taking a lead role in placing India on the global forefront.

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BAHRA UNIVERSITY

Rayat Bahra Group is at the forefront of uplifting the quality education in India for over 17 years now. By laying special emphasis on roping in highly skilled and experienced faculty and creating state of the art infrastructure, Bahra University is relentlessly creating new benchmarks in the education sector.

Bahra University has been established vide H.P. Govt. Notification no. LLR – D (6)-28/2010- Leg. Dated 29th September, 2010 and Bahra University (Establishment And Regulation Act, 2010) Act No. 2 of 2011. Himachal Pradesh Government Notification LLR-D (6)-36/2010 Leg. Dated 27th January, 2011. Bahra University has been enlisted on the University Grants Commission (UGC) website and is empowered to award degree under section 22 of the UGC Act 1956 and member of AIU vide letter No. Meet/GC/336/2015 Dated 15th December, 2015.

The main objective of Bahra University is to lay emphasis on:

- ❖ Curriculum based on Industry Focus
- ❖ Delivery focus on Learning, with Engagement and Involvement of Students
- ❖ Domain Skill, Soft Skill, Industry Interface as a part of Curriculum
- ❖ Choice Based Credit System accepted Nationally and Internationally
- ❖ Focus on Entrepreneurship Skill Development with International Exposure

At the core of the growing popularity of Bahra University among students and parents is the industry focus in curriculum adopted by it, which enables students to become employment-ready by the time they complete their course. The University believes in making learning effective by involving and engaging students. In line with this, students are provided ample opportunities to apply the knowledge acquired in real life scenarios.

To help students adapt easily to the industry environment, the University has made Domain Skills, Soft Skills and Industry Interface an integral part of its Curriculum. In addition, the University aims to develop world-class Entrepreneurs with its focus on Entrepreneurship Skill Development with International Exposure.



Abbreviations

AIU	Association of Indian Universities
BOS	Board of Studies
D. Pharm.	Diploma in Pharmacy
C	Credits
CGPA	Cumulative Grade Point Average
COE	Controller of Examinations
PCI	Pharmacy Council of India
RC	Registration Cancelled
SGPA	Semester Grade Point Average
UGC	University Grants Commission
HOD	Head of the Department

1. Introduction

- 1.1. These regulations apply to Diploma in Pharmacy (D. Pharm) Programme of School of Pharmaceutical Sciences, Bahra University.

(As approved by the Government of India, Ministry of Health & Family Welfare vide letter No. Z-28020/59/2019AHS/FTS-8012809 dated 7.10.2020 and notified by the Pharmacy Council of India.)

No.14-55/2020-PCI: - In exercise of the powers conferred by section 10 of the Pharmacy Act, 1948 (8 of 1948), the Pharmacy Council of India, with the approval of the Central Government, hereby makes the following regulations, namely:-

2. **Qualification for Pharmacist-** The minimum qualification required for registration as a pharmacist shall be a pass in Diploma in Pharmacy (Part-I & Part-II) and satisfactory completion of Diploma in Pharmacy (Part-III).

Or

Any other qualification approved by the Pharmacy Council of India as equivalent to the above.

3. **Diploma in Pharmacy (Part-I, Part-II and Part-III)** shall consist of a certificate of having completed the course of study and passed the examination after satisfactory completing the practical training as prescribed in Chapter-2 and Chapter-3 of these regulations.

Diploma in Pharmacy (Part-I and Part-II)-

Minimum qualification for admission to Diploma in Pharmacy-A pass in 10+2 examination (science academic stream) with Physics, Chemistry and Biology or Mathematics. or

Any other qualification approved by the Pharmacy Council of India as equivalent to the above examination.

Provided that there shall be reservation of seats for the Scheduled Castes and the Scheduled Tribes candidates in accordance with the instructions issued by the Central Government /State Governments /Union territory administrations as the case may be from time to time.

4. Duration of the course-

- (1) The duration of the course shall be for two academic years. Each academic year shall be spread over a period of not less than one hundred and eighty working days.
- (2) In addition there shall be a five hundred hours of practical training spread over a period of not less than three months.

5. **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 hours 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. **However, the course of study and practical training may be modified by the Pharmacy Council of India from time to time.**



Table – I
Diploma in Pharmacy (Part - I)

Subject	Number of hours		
	Theory	Practical	Tutorial
Pharmaceutics	75	75	25
Pharmaceutical Chemistry	75	75	25
Pharmacognosy	75	75	25
Human Anatomy & Physiology	75	75	25
Social Pharmacy	75	75	25
Total	375	375	125

Table – II
Diploma in Pharmacy (Part II)

Subject	Number of hours		
	Theory	Practical	Tutorial
Pharmacology	75	50	25
Community Pharmacy & Management	75	75	25
Biochemistry & Clinical Pathology	75	50	25
Pharmacotherapeutics	75	25	25
Hospital & Clinical Pharmacy	75	25	25
Pharmacy Law & Ethics	75	--	25
Total	450	225	150

TABLE III
Diploma in Pharmacy (Part III)
Practical Training – 500 hours Activities

- 1) Stocking of Drugs and Medical Devices
- 2) Inventory Control Procedures
- 3) Handling of prescriptions
- 4) Dispensing (250 hours)
- 5) Patient counseling

6. Approval of the authority conducting the course of study-

- a No authority in a State shall start or conduct Diploma in Pharmacy course of study without the prior approval of the Pharmacy Council of India.
- b The course of regular academic study prescribed under regulation 6 shall be conducted in an institution, approved by the Pharmacy Council of India under sub-section (1) of Section 12 of the Pharmacy Act, 1948.



Provided that the Pharmacy Council of India shall not approve any institution under this regulation unless it provides adequate arrangements for teaching in regard to building, accommodation, equipments and teaching staff etc. as specified in Appendix-A to these regulations which may be amended by the Pharmacy Council of India from time to time.

7. Examinations-

- There shall be an annual examination at the end of the academic year.
- If necessary, there shall be a supplementary examination for the students who are not able to pass Diploma in Pharmacy Part-I or Part-II, as the case may be, as per the criteria specified by the examining authority.
- The examinations shall be of written and practical (including viva – voce) nature, carrying maximum marks for each part of a subject, as indicated in Table IV and V below.

Table – IV						
DIPLOMA IN PHARMACY (PART-I) EXAMINATION						
Subject	Maximum marks for Theory			Maximum marks for Practicals		
	Examination	*Sessional	Total	Examination	*Sessional	Total
Pharmaceutics	80	20	100	80	20	100
Pharmaceutical Chemistry	80	20	100	80	20	100
Pharmacognosy	80	20	100	80	20	100
Human Anatomy & Physiology	80	20	100	80	20	100
Social Pharmacy	80	20	100	80	20	100
			500	+ 500 = 1000		



Table – V

DIPLOMA IN PHARMACY (PART-II) EXAMINATION

Subject	Maximum marks for Theory			Maximum marks for Practicals		
	Examination	*Sessional	Total	Examination	*Sessional	Total
Pharmacology	80	20	100	80	20	100
Community Pharmacy & Management	80	20	100	80	20	100
Biochemistry & Clinical Pathology	80	20	100	80	20	100
Pharmacotherap eutics	80	20	100	80	20	100
Hospital and Clinical Pharmacy	80	20	100	80	20	100
Pharmacy law & Ethics	80	20	100	-	-	-
600			+400	+100	= 1100	

*Internal assessment

8. Eligibility for appearing at the Diploma in Pharmacy Part-I and 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-I and Part-II 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) or (Part II) examination, as the case may be.

9. Mode of Examinations-

- (1) Theory and Practical examination in the subjects mentioned in Tables – IV & V shall be of three hours duration. Both Theory and Practical are considered as two separate papers.
- (2) A candidate who fails in theory or practical examination of a subject shall re-appear for the failed subject. Theory and Practical of a particular subject are considered as individual subjects for the purpose of pass criteria.
- (3) Practical examination shall also consist of a viva- voce examination.

10. Award of sessional marks and maintenance of records-

- 1) A regular record of both theory and practical class work and examinations held in an institution imparting training for diploma in Pharmacy Part-I and diploma in Pharmacy Part-II courses, shall be maintained for each student in the institution and 20 marks for each theory and 20 marks for each practical subject shall be allotted as sessional marks.
- 2) There shall be two or more periodic sessional (internal assessment) examinations during each academic year. The highest aggregate of any two performances shall form the basis of calculating sessional marks.

The sessional marks in practicals shall be allotted on the following basis:- (i) Actual performance in the sessional / spacing examination = 10 marks.

Day to day assessment in the practical class/spacing work =10 marks.

11. 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 40% marks in each of the subjects separately in the theory as well as the practical examinations, including sessional marks. The candidates securing 60% marks or above in aggregate in all subjects shall be declared to have passed in first class. The candidates securing 75% marks or above in any subject or subjects shall be declared to have passed with distinction in that subject or those subjects. The grant of first class and distinction shall be subject to the condition that the candidate shall pass all the subjects in a single attempt.

12. 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 subjects shall debar him/her from promotion to Diploma in Pharmacy Part II class.

13. Improvement of sessional marks-

The 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 as well as in practical. Marks awarded to a candidate for day to day assessment in the practical class cannot be improved unless he/she attends a regular course of study again.

14. Approval of examinations- The examinations mentioned in regulations 9 to 15 shall be held by an authority (hereinafter referred to as the Examining Authority) in a State, which shall be approved by the Pharmacy Council of India under sub-section (2) of section 12 of the Pharmacy Act, 1948. Such approval shall be granted only if the Examining Authority concerned fulfills the conditions as specified in Appendix-B to these regulations.

15. Certificate of passing examination for Diploma in Pharmacy (Part-II)- Certificate of having passed the examination for the Diploma in Pharmacy Part-II shall be granted by the examining authority to a successful student.

Diploma in Pharmacy (Part-III)

(Practical Training)

16. Period and other conditions for practical training-

- (1) After having appeared in Part-II examination for the Diploma in Pharmacy held by an approved Examining Authority 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 Governments.
 - (ii) A pharmacy licensed for retail sale of drugs under the Drugs and Cosmetics Rules, 1945 having the services of registered pharmacists.
 - (iii) Hospital and Dispensary other than those specified in sub-regulation (i) above for the purpose of giving practical training shall have to be recognized by Pharmacy Council of India on fulfilling the conditions specified in Appendix-C to these regulations.
- (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, dispensary or pharmacy licensed under the Drugs and Cosmetics Rules, 1945 made under the Drugs and Cosmetics Act, 1940, shall not exceed four 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 two for each additional such registered pharmacist.
- (3) In the course of practical training, the trainee shall have exposure to -
 - (i) Working knowledge of keeping of records required by various Legislative Acts concerning the profession of pharmacy; and
 - (ii) Practical experience in activities mentioned in Table III under regulation 6 of these regulations.
- (4) 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.

17. Procedure to be followed prior to commencement of the training-

The head of institution imparting practical training, on application, shall supply in triplicate 'Practical Training Contract Form for Pharmacist' (hereinafter referred to as the Contract Form) to the candidate eligible to undertake the said practical training. The Contract Form shall be as specified in Appendix-D to these regulations.

The head of institution imparting practical training 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.

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 filled is submitted to the head of institution imparting practical training 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 till completion of the training.

18. Certificate of passing Diploma in Pharmacy Part-III-

On satisfactory completion of the practical training period the Apprentice Master shall fill Section IV of the second copy and third copy of the Contract Form and forward it to the head of institution imparting practical training who shall suitably enter in the first copy of the entries from the second copy and the third copy and shall fill Section V of the three copies of Contract Form and thereafter hand over both the second copy and the third copy to the trainee.

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

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

20. Repeal and Savings-

- (1) The Education Regulations, 1991 (hereinafter referred to as the said regulations) published by the Pharmacy Council of India vide No. 14-55/87(Part)-PCI/2484-2887 dt.11.7.1992 and all amendments thereto are hereby repealed.
- (2) Notwithstanding such repeal,
 - (a) Anything done or any action taken under the said regulations shall be deemed to have been done or taken under the corresponding provision of these regulations.
 - (b) A person who was admitted as a student under the said regulations to the course of training for Diploma in Pharmacy and who had not passed the examination at the commencement of these regulations shall be required to pass the examination in accordance with the provisions of the said regulations as if these regulations had not come into force:

Provided however, the Examining Authority in a particular State may fix a date after which the examinations under the said Regulations shall not be conducted.

21. Examination pattern of D. Pharm
Theory Examinations

There shall be two or more periodic sessional (internal assessment) examinations during each academic year. The duration of the sessional exam shall be 90 minutes. The highest aggregate of any two performances shall form the basis of calculating the sessional marks. The scheme of the question paper for theory sessional examinations shall be as given below.

- I. Long Answers (Answer 3 out of 4) $3 \times 5 = 15$
- II. Short Answers (Answer 5 out of 6) $5 \times 3 = 15$
- III. Objective type Answers (Answer all 10 out of 10) $10 \times 1 = 10$
(Multiple Choice Questions / Fill-in the Blanks /
One word OR one Sentence questions)

Total = 40 marks

Internal assessment:

The marks secured by the students out of the total 40 shall be reduced to 20 in each sessional, and then the internal assessment shall be calculated based on the best two averages for 20 marks. Final Board / University Examinations The scheme of the question paper for the theory examinations conducted by the examining authority (Board / University) shall be as given below. The duration of the final examination shall be 3 hours.

- I. Long Answers (Answer 6 out of 7) $6 \times 5 = 30$
- II. Short Answers (Answer 10 out of 11) $10 \times 3 = 30$
- III. Objective type Answers (Answer all 20) $20 \times 1 = 20$
(Multiple Choice Questions / Fill-in the Blanks /
One word OR one Sentence questions)

Total = 80 marks

Practical examinations
Sessional Examinations

There shall be two or more periodic sessional (internal assessment) practical examinations during each academic year. The duration of the sessional exam shall be three hours. The highest aggregate of any two performances shall form the basis of calculating the sessional marks. The scheme of the question paper for practical sessional examinations shall be as given below.

- I. Synopsis = 10
- II. Experiments = 50*
- III. Viva voce = 10



IV. Practical Record Maintenance = 10

Total = 80 marks

* The marks for the experiments shall be divided into various categories, viz. major experiment, minor experiment, spotters, etc. as per the requirement of the course. Internal assessment: The marks secured by the students out of the total of 80 shall be reduced to 10 in each sessional, and then the internal assessment shall be calculated based on the best two averages for 10 marks from the sessional and other 10 marks shall be awarded as per the details given below.

Actual performance in the sessional examination = 10 marks

Assignment marks (Average of three) = 5 marks*

Field Visit Report marks (Average for the reports) = 5 marks\$

Total = 20 marks

*, \$ Only for the courses given with both assignments and field visit/s

Note:

1. For the courses having either assignments or field visit/s, the assessments of assignments or field visit/s shall be done directly for 10 marks and added to the sessional marks.

2. For the courses not having both assignment and field visit, the whole 20 marks shall be calculated from the sessional marks. Final Board / University Examinations The scheme of the question paper for the practical examinations conducted by the examining authority (Board / University) shall be as given below. The duration of the final examination shall be 3 hours.

I. Synopsis = 10

II. Experiments = 60*

III. Viva voce = 10

Total = 80 marks

* The marks for the experiments shall be divided into various categories, viz. major experiment, minor experiment, spotters, etc. as per the requirement of the course.



Appendix-D

[See regulations 19(1)]

Practical training contract form for pharmacists

SECTION I

This form has been issued to _____

(Name of student pharmacist)

son of /daughter of _____ residing at _____ who has produced evidence before me that he/she is entitled to receive the Practical Training as set out in the Education Regulations, 2020 made under section 10 of the Pharmacy Act, 1948.

Date: The Head of Institution imparting practical training

SECTION II

I _____ accept

(Name of the Student Pharmacist)

_____ of _____

(Name of the Apprentice Master) (Name of the Institution)

(Hospital or Pharmacy)

as my Apprentice Master for the above training and agree to obey and respect him /her during the entire period of my training.

(Student Pharmacist)



SECTION III

I, _____ accept
(Name of the Apprentice Master)

_____ as a
(Name of the student pharmacist)

trainee and I agree to give him /her training facilities in my organisation so that during his /her training he /she may acquire:

1. Working knowledge of keeping of records required by the various Acts affecting the profession of pharmacy; and
2. Practical experience in -
 - 1) Stocking of Drugs and Medical Devices
 - 2) Inventory control procedures
 - 3) Handling of prescriptions
 - 4) Dispensing
 - 5) Patient counseling

I also agree that a Registered Pharmacist shall be assigned for his /her guidance.

(Apprentice Master)
(Name & address of the Institution)



SECTION IV

I certify that _____ had

(Name of student pharmacists)

has undergone _____ hours training spread over _____ months in

accordance with the details enumerated in SECTION III.

(The Head of Institution imparting practical training)

SECTION V

I certify that _____ has

(Name of student pharmacists)

completed in all respect his practical training under regulation 18 of the Education Regulations, 2020 made under section 10 of the Pharmacy Act, 1948. He had his practical training in an Institution approved by the Pharmacy Council of India.

Date:

(Head of the Academic Institution)