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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 4

[PART III—SECTION 4]

[सांविधिक निकायों द्वारा जारी की गई विविध अधिसूचनाएं जिसमें कि आदेश, विज्ञापन और सूचनाएं सम्मिलित हैं]
[Miscellaneous Notifications including Notifications, Orders, Advertisements and Notices issued by
Statutory Bodies]

भारतीय रिज़र्व बैंक

मुंबई-400001, दिनांक 9 अप्रैल 2008

संदर्भ : बैंपविवि. सं. आईबीडी.-14241/23.13.048/2007-08--भारतीय रिज़र्व बैंक अधिनियम, 1934 (1934 का 2) की धारा 42 की उप-धारा (6) के खण्ड (ग) के अनुसरण में भारतीय रिज़र्व बैंक इसके द्वारा निदेश देता है कि उक्त अधिनियम की दूसरी अनुसूची में निम्नलिखित परिवर्तन किये जाएं :--

“अरब बांग्लादेश बैंक लिमिटेड” शब्दों के स्थान पर “एबी बैंक लिमिटेड” शब्द होंगे।

आनन्द सिन्हा
कार्यपालक निदेशक



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[PUBLISHED IN THE GAZETTE OF INDIA, No.19, PART III, SECTION 4]

Ministry of Health and Family Welfare
(Pharmacy Council of India)

New Delhi, 10th May, 2008.

Pharm.D. Regulations 2008

Regulations framed under section 10 of the Pharmacy Act, 1948 (8 of 1948).

(As approved by the Government of India, Ministry of Health vide, letter No.V.13013/1/2007-PMS, dated the 13th March, 2008 and notified by the Pharmacy Council of India).

No.14-126/2007-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:-

CHAPTER-I

1. Short title and commencement. – (1) These regulations may be called the Pharm.D. Regulations 2008.
(2) They shall come into force from the date of their publication in the official Gazette.
2. Pharm.D. shall consist of a certificate, having passed the course of study and examination as prescribed in these regulations, for the purpose of registration as a pharmacist to practice the profession under the Pharmacy Act, 1948.




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CHAPTER-II

3. Duration of the course. –

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

Phase I – consisting of First, Second, Third, Fourth and Fifth academic year.

Phase II – consisting of 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 supervision so that he or she may become capable of functioning independently.

- b) Pharm.D. (Post Baccalaureate): The duration of the course shall be for 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.

4. Minimum qualification for admission to. –

- a) Pharm.D. Part-I Course – A pass in any of the following examinations -

(1) 10+2 examination with Physics and Chemistry as compulsory subjects along with one of the following subjects:

Mathematics or Biology.

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

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

Provided that a student should complete the age of 17 years on or before 31st December of the year of admission to the course.

Provided that there shall be reservation of seats for the students belonging to the Scheduled Castes, Scheduled Tribes and other Backward Classes in accordance with the instructions issued by the Central Government/State Government/Union Territory Administration as the case may be from time to time.



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b) Pharm.D. (Post Baccalaureate) Course -

A pass in B.Pharm from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act:

Provided that there shall be reservation of seats for the students belonging to the Scheduled Castes, Scheduled Tribes and other Backward Classes in accordance with the instructions issued by the Central Government/State Government/Union Territory Administration as the case may be from time to time.

5. Number of admissions in the above said programmes shall be as prescribed by the Pharmacy Council of India from time to time and presently be restricted as below –
 - i) Pharm.D. Programme – 30 students.
 - ii) Pharm.D. (Post Baccalaureate) Programme – 10 students.
6. Institutions running B.Pharm programme approved under section 12 of the Pharmacy Act, will only be permitted to run Pharm.D. programme. Pharm.D. (Post Baccalaureate) programme will be permitted only in those institutions which are permitted to run Pharm.D. programme.
7. Course of study. – The course of study for Pharm.D. shall include the subjects as given in the Tables below. The number of hours in a week, devoted to each subject for its teaching in theory, practical and tutorial shall not be less than that noted against it in columns (3), (4) and (5) below.

T A B L E S

First Year :

| S.No. | Name of Subject | No. of hours of Theory | No. of hours of Practical | No. of hours of Tutorial |
|-------|------------------------------------|------------------------|---------------------------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1.1 | Human Anatomy and Physiology | 3 | 3 | 1 |
| 1.2 | Pharmaceutics | 2 | 3 | 1 |
| 1.3 | Medicinal Biochemistry | 3 | 3 | 1 |
| 1.4 | Pharmaceutical Organic Chemistry | 3 | 3 | 1 |
| 1.5 | Pharmaceutical Inorganic Chemistry | 2 | 3 | 1 |
| 1.6 | Remedial Mathematics/ Biology | 3 | 3* | 1 |
| | Total hours | 16 | 18 | 6 = (40) |

* For Biology




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Second Year:

| S.No | Name of Subject | No. of hours of Theory | No. of hours of Practical | No. of hours of Tutorial |
|------|--------------------------------------|------------------------|---------------------------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 2.1 | Pathophysiology | 3 | - | 1 |
| 2.2 | Pharmaceutical Microbiology | 3 | 3 | 1 |
| 2.3 | Pharmacognosy & Phytopharmaceuticals | 3 | 3 | 1 |
| 2.4 | Pharmacology-I | 3 | - | 1 |
| 2.5 | Community Pharmacy | 2 | - | 1 |
| 2.6 | Pharmacotherapeutics-I | 3 | 3 | 1 |
| | Total Hours | 17 | 9 | 6 = 32 |

Third Year:

| S.No. | Name of Subject | No. of hours of Theory | No. of hours of Practical | No. of hours of Tutorial |
|-------|------------------------------|------------------------|---------------------------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 3.1 | Pharmacology-II | 3 | 3 | 1 |
| 3.2 | Pharmaceutical Analysis | 3 | 3 | 1 |
| 3.3 | Pharmacotherapeutics-II | 3 | 3 | 1 |
| 3.4 | Pharmaceutical Jurisprudence | 2 | - | - |
| 3.5 | Medicinal Chemistry | 3 | 3 | 1 |
| 3.6 | Pharmaceutical Formulations | 2 | 3 | 1 |
| | Total hours | 16 | 15 | 5 = 36 |



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Fourth Year:

| S.No. | Name of Subject | No. of hours of Theory | No. of hours of Practical/ Hospital Posting | No. of hours of Tutorial |
|-------|--------------------------------------|------------------------|---|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 4.1 | Pharmacotherapeutics-III | 3 | 3 | 1 |
| 4.2 | Hospital Pharmacy | 2 | 3 | 1 |
| 4.3 | Clinical Pharmacy | 3 | 3 | 1 |
| 4.4 | Biostatistics & Research Methodology | 2 | - | 1 |
| 4.5 | Biopharmaceutics & Pharmacokinetics | 3 | 3 | 1 |
| 4.6 | Clinical Toxicology | 2 | - | 1 |
| | Total hours | 15 | 12 | 6 = 33 |

Fifth Year:

| S.No. | Name of Subject | No. of hours of Theory | No. of hours of Hospital posting* | No. of hours of Seminar |
|-------|---|------------------------|-----------------------------------|-------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 5.1 | Clinical Research | 3 | - | 1 |
| 5.2 | Pharmacoepidemiology and Pharmacoeconomics | 3 | - | 1 |
| 5.3 | Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring | 2 | - | 1 |
| 5.4 | Clerkship * | - | - | 1 |
| 5.5 | Project work (Six Months) | - | 20 | - |
| | Total hours | 8 | 20 | 4 = 32 |

* Attending ward rounds on daily basis.



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Sixth Year:

Internship or residency training 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

8. Syllabus. – The syllabus for each subject of study in the said Tables shall be as specified in Appendix -A to these regulations.
9. Approval of the authority conducting the course of study. – (1) No person, institution, society or university shall start and conduct Pharm.D or Pharm.D. (Post Baccalaureate) programme without the prior approval of the Pharmacy Council of India.
 - (2) Any person or pharmacy college for the purpose of obtaining permission under sub-section (1) of section 12 of the Pharmacy Act, shall submit a scheme as prescribed by the Pharmacy Council of India.
 - (3) The scheme referred to in sub-regulation (2) above, shall be in such form and contain such particulars and be preferred in such manner and be accompanied with such fee as may be prescribed:

Provided that the Pharmacy Council of India shall not approve any institution under these regulations unless it provides adequate arrangements for teaching in regard to building, accommodation, labs., equipments, teaching staff, non-teaching staff, etc., as specified in Appendix-B to these regulations.
10. Examination. – (1) Every year there shall be an examination to examine the students.
 - (2) 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.
 - (3) The examinations shall be of written and practical (including oral nature) carrying maximum marks for each part of a subject as indicated in Tables below :

T A B L E S**First Year examination :**

| S.No. | Name of Subject | Maximum marks for Theory | | | Maximum marks for Practicals | | |
|-------|------------------------------------|--------------------------|-----------|-------|------------------------------|-----------|------------|
| | | Examination | Sessional | Total | Examination | Sessional | Total |
| 1.1 | Human Anatomy and Physiology | 70 | 30 | 100 | 70 | 30 | 100 |
| 1.2 | Pharmaceutics | 70 | 30 | 100 | 70 | 30 | 100 |
| 1.3 | Medicinal Biochemistry | 70 | 30 | 100 | 70 | 30 | 100 |
| 1.4 | Pharmaceutical Organic Chemistry | 70 | 30 | 100 | 70 | 30 | 100 |
| 1.5 | Pharmaceutical Inorganic Chemistry | 70 | 30 | 100 | 70 | 30 | 100 |
| 1.6 | Remedial Mathematics/ Biology | 70 | 30 | 100 | 70* | 30* | 100* |
| | | | | 600 | | | 600 = 1200 |

* for Biology.



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