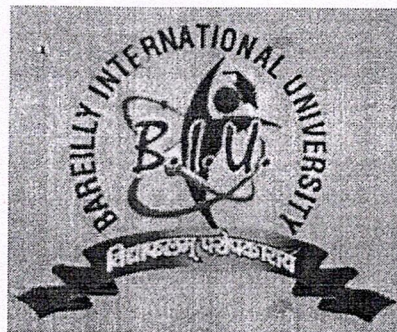


BAREILLY INTERNATIONAL UNIVERSITY

**ROHILKHAND COLLEGE OF PARAMEDICAL
SCIENCES**



ORDINANCE

Course: - B.Sc. (Optometry)

Semester I: General Anatomy General Physiology General Biochemistry Geometrical Optics-I Nutrition Practical Basic Pre-clinical Subsidiary Subject: English and Communication Basics of Computer	Semester II: Ocular Anatomy Ocular Physiology Ocular Biochemistry Physical Optics Geometrical Optics-II Practical Clinical Optometry – I Subsidiary Subject: Environmental Sciences
Semester III : Ocular Microbiology Visual optics –I Optometric optics-I Optometric Instruments Ocular Disease –I Clinical examination of visual system Practical Clinical Optometry-II Subsidiary Subject: Indian Medicine and Telemedicine	Semester IV : Optometric optics – II & Dispensing Optics Visual Optics- II Ocular Disease –II and glaucoma Pathology Basic and Ocular Pharmacology Practical Clinical Optometry- III Subsidiary Subject: Medical Psychology Introduction to Quality & Patient safety
Semester V: Contact lenses –I Low Vision care Geriatric Optometry & Pediatric Optometry Binocular Vision- I Systemic Disease Practical Clinical Optometry -IV Subsidiary Subject: Research Methodology & Biostatistics	Semester VI: Contact Lenses –II Binocular Vision –II Public Health & Community Optometry Practice Management Occupational optometry Practical Clinical Optometry-V Research Project Subsidiary Subject: Medical Law and Ethics

8.Evaluation Scheme:

- A student's performance will be evaluated through end term examination held at the end of each semester.
- In addition, the continued evaluation of the student shall be made by way of class participation, class-test and assignments. The internal assessment shall be the part of total evaluation.
- The distribution of marks for the subjects shall be as per the scheme below.

BAREILLY INTERNATIONAL UNIVERSITY
Ordinance effective from session 2020-21
Bachelor of Science (Optometry)

1.Scope

This ordinance shall apply to the program leading to B.Sc. (Optometry).

2.Eligibility for Admission:

- a) A candidate seeking admission to Bachelor of Science (Optometry) should have passed the 10+2 examination or equivalent examination from any Board/University with Physics, Chemistry, Biology and English as subjects.
- b) A candidate must have obtained minimum 45% marks in the qualifying examination. The candidate belongs to the schedule cast and the schedule tribe must have obtained minimum 40% instead of 45%.
- c) The minimum age for admission shall be 17 years as on 31st December of the year in which admission is sought.
- d) Admission shall be made once in a year and open to both male and female candidates.
- e) A candidate shall have to be medically fit.

3.Eligibility for admission directly to 2nd yr (lateral Entry):

A candidate having completed two years Diploma in Optometry course from any institution recognized by State Medical faculty shall be eligible for direct admission to second year of Bachelor of Science (Optometry).

4.Program Duration:

- a) The duration of the program leading to the award of Bachelor of Science (Optometry) shall be of three academic years excluding 1 year compulsory rotatory internship.
- b) The maximum period for successfully completion of program should not exceed Six years excluding internship.

5.Annual Intake:

- a) The number of students shall be admitted subject to maximum seats sanctioned by regulatory body and/ or approved by the executive council of the university.
- b) Admission to program shall be made only in 1st year and last date for admission shall be 31st Aug of the admission year.

6.Medium of Instruction:

- a) The medium of instruction for all subjects of study and examination shall be English.

7.Organization of the Program:

- a) Each academic year shall comprise of two parts. First part shall be termed as odd semester and second part as even semester.
- b) There shall be minimum 20 weeks devoted to academic activities per semester.
- c) The syllabi of the program shall contain subject-wise content details, semester-wise duly approved by Board of Study and shall be published separately.
- d) The academic activities for subject given below shall be conducted semester-wise:

1st Semester

Sl	Subject	Examination	Internal Assessment	Grand Total
1	General Anatomy	70	30	100
2	General Physiology	70	30	100
3	General Biochemistry	70	30	100
4	Geometrical Optics-I	70	30	100
5	Nutrition	70	30	100
	Practical			
1	Basic Preclinical	50	50	100
Grand Total				600
Subsidiary Subject				
1	Basics of Computer	30	20	50
2	English and Communication	30	20	50
Note: All subsidiary examination shall be non University Examination only and will not be part of grand total.				

2nd Semester

Sl	Subject	Examination	Internal Assessment	Grand Total
1	Ocular Anatomy	70	30	100
2	Ocular Physiology	70	30	100
3	Ocular Biochemistry	70	30	100
4	Physical Optics	70	30	100
5	Geometrical Optics-II	70	30	100
	Practical			
1	Clinical Optometry-I	50	50	100
Grand Total				600
Subsidiary Subject				
1	Environmental sciences	30	20	50
Note: All subsidiary examination shall be non University Examination only and will not be part of grand total.				

3rd Semester

Sl	Subject	Examination	Internal Assessment	Grand Total
1	Ocular Microbiology	70	30	100
2	Visual optics –I	70	30	100
3	Optometric optics-I	70	30	100
4	Optometric Instruments	70	30	100
5	Ocular Disease –I	70	30	100
6	Clinical examination of visual system	70	30	100
	Practical			
1	Clinical Optometry-II	50	50	100
Grand Total				700
Subsidiary Subject				
1	Indian Medicine and Telemedicine	30	20	50
Note: All subsidiary examination shall be non University Examination only and will not be part of grand total.				

4th Semester

Sl	Subject	Examination	Internal Assessment	Grand Total
1	Optometric optics – II & Dispensing Optics	70	30	100
2	Visual Optics- II	70	30	100
3	Ocular Disease –II and glaucoma	70	30	100
4	Pathology	70	30	100
5	Basic and Ocular Pharmacology	70	30	100
	Practical			
1	Clinical optometry-III	50	50	100
Grand Total				600
Subsidiary Subject				
1	Medical Psychology	30	20	50
2	Introduction to Quality & Patient Safety	30	20	50
Note: All subsidiary examination shall be non University Examination only and will not be part of grand total.				

5th Semester

Sl	Subject	Examination	Internal Assessment	Grand Total
1	Contact lens –I	70	30	100
2	Low Vision care	70	30	100
3	Geriatric Optometry & Pediatric Optometry	70	30	100
4	Binocular Vision- I	70	30	100
5	Systemic Disease	70	30	100
	Practical			
1	Clinical Optometry IV	50	50	100
	Grand Total			600
	Subsidiary Subject	30	20	50
1	Research Methodology & Biostatistics			

Note: All subsidiary examination shall be non University Examination only and will not be part of grand total.

6th Semester

Sl	Subject	Examination	Internal Assessment	Grand Total
1	Contact Lens –II	70	30	100
2	Binocular Vision –II	70	30	100
3	Public Health & Community Optometry	70	30	100
4	Practice Management	70	30	100
5	Occupational optometry	70	30	100
	Practical			
1	Research Project	70	30	100
2	Clinical Optometry-V	70	30	100
	Grand Total			700
	Subsidiary Subject			
1	Medical Law and Ethics	30	20	50

Note: All subsidiary examination shall be non University Examination only and will not be part of grand total.

9. Attendance:

- Each student is normally required to attend all the lectures of every subject as well as the curricular and co-curricular activities.
- A student must have minimum 75% attendance in each subject for appearing in the examination. In special circumstances, short-fall in attendance can be condoned on case's merit to the extent of 5% by the Principal. If the short-fall is more than 5%, but not more

than 10%, the Principal may recommend on case's merit to the Vice Chancellor for condonation. The order of Vice Chancellor shall be final.

10. Examinations:

- a) In an academic year, at the end of each Semester University examination shall be held.
- b) The question papers shall be get prepared from the list of examiners for paper setting subject-wise duly approved by faculty Board. In no case more than 50% question papers of a semester will be get set from internal examiners.
- c) The evaluation of answer books shall be carried out by examiners duly approved by Faculty Board subject-wise. In no case more than 50% internal examiners shall be involved for evaluation of answer-books of a semester.
- d) A student shall be allowed to appear in 6th semester examination but result will be declared only after clearing all the back / failed subjects of 1st to 4th semesters only.
- e) There will not be any separate back paper examination for 1st to 4th semester subjects.
- f) There shall be special carry over examination to clear back paper of 5th and 6th semesters within two months of declaration of 6th semester result.
- g) A student not qualified in any subject can appear in the next examination held in the respective semester (Odd/ Even).

11. Qualifying Standards:

- a) Minimum qualifying marks for each subject shall be 50% in aggregate of examination including subsidiary subjects.
- b) The marks obtained in external examination, Viva and internal assessment of the subject shall be added to compute subject percentage.

12. Promotional Rules:

- a) A student satisfying the qualifying standard of all the subjects shall be declared pass in the semester examination.
- b) A student failing to satisfy the qualifying standards of one or more subjects in a semester shall be declared as promoted with back papers and shall be permitted to pursue course work of next semester and clear back papers in the subsequent University examination.
- c) A student, if in conjunction of grace marks, satisfies the qualifying standards of all subjects of the semester shall be declared as 'Pass with grace marks'.
- d) If a student, for any reason, fails to appear in the examination, he or she shall be declared fail and will not be promoted to the next semester. Such a student will be permitted to appear as ex-student during the subsequent examination.

13. Grace Marks:

- a) A student fail to satisfy on his own, the qualifying standards prescribed to be declared pass in the semester examination can be awarded 'Grace Marks' not exceeding a maximum 5 marks which can be shared by not more than two subjects (Theory Only). However the grace marks shall not be part of the grand total. There will not be any Grace marks for any subsidiary subject.

14. Results:

- a) The examination result of a student shall be declared separately for each examination which will indicate the status of his performance of the semester.
- b) In case student appears in back paper, revised statement of marks will be issued incorporating the back paper examination result.

- c) The six semester statement of marks shall carry result of all previous semesters and will be issued only once the student has completed the course successfully.
- d) The final result for declaring division and award of degree shall be prepared on the basis of cumulative performance of student.

15.Award of Division:

- a) The division to a student shall be awarded on the basis of his/her 'FINAL RESULT' at the end of sixth semester examination.
- b) A student will be said to have passed with 'First Division with Honors' if he/ she obtains 75% or more marks in the final result, provided he/she has passed all examinations in first attempt and without invoking any grace marks.
- c) A student will be said to have passed with 'First Division' if he/she has obtained 60% or more marks in the final result without invoking any grace marks.
- d) A student will be said to have passed with 'Second Division' if he/she has obtained 50% or more marks in the final result.
- e) A student will be said to have 'Passed with Grace' if he/she invoke grace marks in any examination.

16.Merit List:

The merit list to award the rank shall be prepared on the basis of aggregate marks of final result. However those students who have passed all examination in first attempt without invoking any grace marks shall be eligible for award of Rank.

17.Award of Degree:

A student shall be eligible for award of Bachelor of Sciences (Optometry) degree on successful completion of prescribed course of study and declared pass.

18.Power to Amend the Ordinance

The 'Academic Council' shall have the powers to relax, amend any or all the provisions of the Ordinances, subject to the approval of the 'Executive Council' of the University. However, amendments shall not be in contravention of guidelines and directives of UGC.