

Hemchandracharya North Gujarat University, Patan
Bachelor of Vocation
Pharmaceutical Chemistry
 Examination Assessment and Evaluation Scheme

Semester I

| Course Code | Course Title | Marking Scheme | | | Remarks |
|-------------|-----------------------------------|----------------|----------|-----------|---|
| | | Theory | | Practical | |
| | | Internal | External | | |
| PC 111 | Basic Pharmaceutical Calculations | 50 | 50 | - | |
| PC 112 | Pharmaceutics (Basic Principles) | 50 | 50 | - | |
| PC 113 | Basic Computer Applications | - | 100 | - | Assessment of this paper will be in the form of continuous evaluation |
| PC.114 | English and Communication Skill | - | 100 | - | Assessment of this paper will be in the form of continuous evaluation |
| PC.115 | Human Anatomy and Physiology | 50 | 50 | - | |
| PC.116 | Practical | - | - | 600 | |

Semester II

| Course Code | Course Title | Marking Scheme | | | Remarks |
|-------------|-----------------------------------|----------------|----------|-----------|---------|
| | | Theory | | Practical | |
| | | Internal | External | | |
| PC 211 | Fundamentals of Organic Chemistry | 50 | 50 | - | |
| PC 212 | Physical Chemistry | 50 | 50 | - | |
| PC 213 | Fundamental Biochemistry | 50 | 50 | - | |
| PC 214 | Analytical Chemistry | 50 | 50 | - | |
| PC 215 | Fundamentals of Pharmacognosy | 50 | 50 | - | |
| PC 216 | Practical | - | - | 600 | |

Semester III

| Course Code | Course Title | Marking Scheme | | | Remarks |
|-------------|------------------------------------|----------------|----------|-----------|---------|
| | | Theory | | Practical | |
| | | Internal | External | | |
| PC 311 | Advanced Organic Chemistry | 50 | 50 | - | |
| PC 312 | Advanced Analytical Chemistry-I | 50 | 50 | - | |
| PC 313 | Cell Biology | 50 | 50 | - | |
| PC 314 | Indian Drugs Regulatory Guidelines | 50 | 50 | - | |
| PC 315 | Pharmaceutical Inorganic Chemistry | 50 | 50 | - | |
| PC 316 | Practical | - | - | 700 | |

Semester IV

| Course Code | Course Title | Marking Scheme | | | Remarks |
|-------------|----------------------------------|----------------|----------|-----------|---------|
| | | Theory | | Practical | |
| | | Internal | External | | |
| PC 411 | Medicinal Chemistry –I | 50 | 50 | - | |
| PC 412 | Microbiology | 50 | 50 | - | |
| PC 413 | Advanced Analytical Chemistry-II | 50 | 50 | - | |
| PC 414 | Pharmaceutics- Unit operation | 50 | 50 | - | |
| PC 415 | Pharmacy Practice | 50 | 50 | - | |
| PC 416 | Practical | - | - | 700 | |

Semester V

| Course Code | Course Title | Marking Scheme | | | Remarks |
|-------------|---------------------------------------|----------------|----------|-----------|---------|
| | | Theory | | Practical | |
| | | Internal | External | | |
| PC 511 | Medicinal Chemistry-II | 50 | 50 | - | |
| PC 512 | Advanced Analytical Chemistry-III | 50 | 50 | - | |
| PC 513 | Pharmacology -I | 50 | 50 | - | |
| PC 514 | Introduction to Drug Delivery Systems | 50 | 50 | - | |
| PC 515 | Practical | - | - | 700 | |

Semester VI

| Course Code | Course Title | Marking Scheme | | | Remarks |
|-------------|---------------------------------------|----------------|----------|-----------|---------|
| | | Theory | | Practical | |
| | | Internal | External | | |
| PC 611 | Basic Principles of Cosmetic Products | 50 | 50 | - | |
| PC 612 | Medicinal Chemistry – III | 50 | 50 | - | |
| PC 613 | Advanced Analytical Chemistry-IV | 50 | 50 | - | |
| PC 614 | Pharmacology II | 50 | 50 | - | |
| PC 615 | Phytochemistry | 50 | 50 | - | |
| PC 616 | Practical | - | - | 700 | |

BVPCR6: Evaluation

1. Theory of each CORE paper will be evaluated for a maximum of 100 marks out of which, 50 marks shall be for internal Examination and 50 marks for the end semester examination. An end semester examination shall be of 2 hours duration.
2. For Semester I & II, Practical as a combined form for Each core paper will be evaluated for a maximum of 600 marks. The evaluation on the basis of industrial work/field work/practical session at workshop/laboratories and final end term evaluation.
3. For Semester III to VI, Practical as a combined form for Each core paper will be evaluated for a maximum of 700 marks. The evaluation on the basis of industrial work/field work/practical session at workshop/laboratories and final end term evaluation.
4. Each Elective paper of Semester I (BVT 113, BVT 114) is evaluated for a maximum of 100 marks which will be evaluated by continuous evaluation.

BVPCR7: rules for grading

1. To pass a subject in any Semester a candidate must obtain a minimum of 40% of marks in each paper.
2. If a candidate fails in any subject, he has to reappear for that particular paper and pass. (That is, for example if candidate fails in midterm exam of a subject, he has to reappear for midterm of that subject.)
3. The performance of each candidate in all the subjects will be evaluated on 7- point scale in term of grades as follow:

| Grading Scheme | | %age according to Grade | Grade Points | Qualitative Meaning of Grade |
|-----------------------|-----|--------------------------------|---------------------|-------------------------------------|
| 1 | A + | 90-100 | 10.0 | Outstanding |
| 2 | A | 80-89 | 9.0 | Excellent |
| 3 | A- | 70-79 | 8.0 | Very Good |
| 4 | B + | 60 – 69 | 7.0 | Good |
| 5 | B | 50-59 | 6.0 | Average |
| 6 | B- | 40-49 | 5.0 | Fair |
| 7 | F | Less Than 40 | 0 | Fail |
| 8 | I | Incomplete | | |