**INSTITUTE OF PHARMACEUTICAL SCIENCES,**

**KURUKSHETRA UNIVERSITY KURUKSHETRA**

**SCHEME OF EXAMINATION FOR B. PHARM. (3rd to 8th SEMESTER) COURSE UNDER CHOICE BASED CREDIT SYSTEM (CBCS)**

w.e.f. the academic session 2017-18

**1.** These regulations shall be called as “The Revised Regulations for the B. Pharm. Degree Program (CBCS) of the Pharmacy Council of India, New Delhi”. They shall come into effect from the Academic Year 2017-18. The regulations framed are subject to modifications from time to time by Pharmacy Council of India, New Delhi.

**2.** **Program/Course credit structure**

As per the philosophy of Credit Based Semester System, certain quantum of academic work viz. theory classes, tutorial hours, practical classes, etc. are measured in terms of credits. On satisfactory completion of the courses, a candidate earns credits. The amount of credit associated with a course is dependent upon the number of hours of instruction per week in that course. Similarly, the credit associated with any of the other academic, co/extra-curricular activities is dependent upon the quantum of work expected to be put in for each of these activities per week.

**3.** **Minimum credit requirements**

The minimum credit points required for award of a B. Pharm. degree is 210. These credits are divided into Theory courses, Tutorials, Practical, Practice School and Project over the duration of eight semesters. Courses generally progress in sequences, building competencies and their positioning indicates certain academic maturity on the part of the learners. Learners are expected to follow the semester-wise schedule of courses given in the syllabus. The lateral entry students shall get 52 credit points transferred from their D.Pharm program. Such students shall take up additional remedial courses of ‘Communication Skills’ (Theory and Practical) and ‘Computer Applications in Pharmacy’ (Theory and Practical) equivalent to 3 and 4 credit points respectively, a total of 7 credit points to attain 59 credit points, the maximum of I and II semesters.

**4.** **Course of study**

The course of study for B. Pharm shall include Semester Wise Theory & Practical as given in Table – III to VIII. The number of hours to be devoted to each theory, tutorial and practical course in any semester shall not be less than that shown in Table – III to VIII.

**Table-III: Course of study for semester III**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course code** | **Name of the course** | **No. of hours** | **Tutorial** | **Credits** |
| BP301T | Pharmaceutical Organic Chemistry II – Theory | 3 | 1 | 4 |
| BP302T  | Physical Pharmaceutics I – Theory | 3 | 1 | 4 |
| BP303T  | Pharmaceutical Microbiology – Theory | 3 | 1 | 4 |
| BP304T  | Pharmaceutical Engineering – Theory | 3 | 1 | 4 |
| BP305P  | Pharmaceutical Organic Chemistry II – Practical | 4 | -- | 2 |
| BP306P | Physical Pharmaceutics I – Practical | 4 | -- | 2 |
| BP307P | Pharmaceutical Microbiology – Practical | 4 | -- | 2 |
| BP308P | Pharmaceutical Engineering –Practical | 4 | -- | 2 |
|  | **Total** | **28** | 4 | **24** |

**Table-IV: Course of study for semester IV**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course code** | **Name of the course** | **No. of hours** | **Tutorial** | **Credits** |
| BP401T | Pharmaceutical Organic Chemistry III– Theory | 3 | 1 | 4 |
| BP402T  | Medicinal Chemistry I – Theory | 3 | 1 | 4 |
| BP403T  | Physical Pharmaceutics II – Theory | 3 | 1 | 4 |
| BP404T  | Pharmacology I – Theory | 3 | 1 | 4 |
| BP405T  | Pharmacognosy and Phytochemistry I– Theory | 3 | 1 | 4 |
| BP406P | Medicinal Chemistry I – Practical | 4 | -- | 2 |
| BP407P | Physical Pharmaceutics II – Practical | 4 | -- | 2 |
| BP408P | Pharmacology I – Practical | 4 | -- | 2 |
| BP409P | Pharmacognosy and Phytochemistry I – Practical | 4 | -- | 2 |
|  | **Total** | **31** | 5 | **28** |

**Table-V: Course of study for semester V**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course code** | **Name of the course** | **No. of hours** | **Tutorial** | **Credits** |
| BP501T | Medicinal Chemistry II – Theory | 3 | 1 | 4 |
| BP502T  | Industrial Pharmacy I– Theory | 3 | 1 | 4 |
| BP503T  | Pharmacology II – Theory | 3 | 1 | 4 |
| BP504T  | Pharmacognosy and Phytochemistry II– Theory | 3 | 1 | 4 |
| BP505T  | Pharmaceutical Jurisprudence – Theory | 3 | 1 | 4 |
| BP506P | Industrial Pharmacy I – Practical | 4 | -- | 2 |
| BP507P | Pharmacology II – Practical | 4 | -- | 2 |
| BP508P | Pharmacognosy and Phytochemistry II-Practical | 4 | -- | 2 |
|  | **Total** | **27** | 5 | **26** |

**Table-VI: Course of study for semester VI**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course code** | **Name of the course** | **No. of hours** | **Tutorial** | **Credits** |
| BP601T | Medicinal Chemistry III – Theory | 3 | 1 | 4 |
| BP602T  | Pharmacology III – Theory | 3 | 1 | 4 |
| BP603T  | Herbal Drug Technology – Theory | 3 | 1 | 4 |
| BP604T  | Biopharmaceutics and Pharmacokinetics-Theory | 3 | 1 | 4 |
| BP605T  | Pharmaceutical Biotechnology – Theory | 3 | 1 | 4 |
| BP606T | Quality Assurance –Theory | 3 | 1 | 4 |
| BP607P | Medicinal chemistry III – Practical | 4 | -- | 2 |
| BP608P | Pharmacology III – Practical | 4 | -- | 2 |
| BP609P | Herbal Drug Technology – Practical | 4 | -- | 2 |
|  | **Total** | **30** | 6 | **30** |

**Table-VII: Course of study for semester VII**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course code** | **Name of the course** | **No. of hours** | **Tutorial** | **Credits** |
| BP701T | Instrumental Methods of Analysis – Theory | 3 | 1 | 4 |
| BP702T  | Industrial Pharmacy II – Theory | 3 | 1 | 4 |
| BP703T  | Pharmacy Practice – Theory | 3 | 1 | 4 |
| BP704T  | Novel Drug Delivery System – Theory | 3 | 1 | 4 |
| BP705P | Instrumental Methods of Analysis – Practical | 4 | -- | 2 |
| BP706PS | Practice School\* | 12 | -- | 6 |
|  | **Total** | **28** | 4 | 24 |

**\*** Non University Examination (NUE)

**Table-VIII: Course of study for semester VIII**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course code** | **Name of the course** | **No. of hours** | **Tutorial** | **Credits** |
| BP801T | Biostatistics and Research Methodology | 3 | 1 | 4 |
| BP802T | Social and Preventive Pharmacy | 3 | 1 | 4 |
| BP803ET | Pharma Marketing Management | **3+3=6** | **1+1=2** | **4+4=8** |
| BP804ET | Pharmaceutical Regulatory Science |
| BP805ET | Pharmacovigilance |
| BP806ET | Quality Control and Standardization of Herbals |
| BP807ET | Computer Aided Drug Design |
| BP808ET | Cell and Molecular Biology |
| BP809ET | Cosmetic Science |
| BP810ET | Experimental Pharmacology |
| BP811ET | Advanced Instrumentation Techniques |
| BP812ET | Dietary Supplements and Nutraceuticals |
| BP813PW | Project Work | **12** | **--** | **6** |
|  | **Total** | **24** | 4 | 22 |

**Table-IX: Semester wise credits distribution**

|  |  |
| --- | --- |
| **Semester**  | **Credit Points**  |
| I | **27/29$/30#**  |
| II | 29 |
| III | 24 |
| IV | 28 |
| V | 26 |
| VI | 30 |
| VII | 24 |
| VIII | 22 |
| Extracurricular/ Co curricular activities  | 01\* |
| **Total credit points for the program**  | **211/213$/214#**  |

\* The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the colleges and the same shall be submitted to the University. The criteria to acquire this credit point shall be defined by the colleges from time to time.

$Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics course**.**

#Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology course**.**

**5.** **Examinations/Assessments**

The scheme for internal assessment and end semester examinations is given below:

**5.1 Internal assessment (25 Marks): Continuous mode (10 Marks) + Sessional Tests (15 Marks)**

The marks allocated for Continuous mode of Internal Assessment shall be awarded as per the scheme given below.

**Table-X: Scheme for awarding internal assessment: Continuous mode**

|  |
| --- |
| **THEORY** |
| **Criteria** | **Maximum Marks** |
| Attendance (Refer Table – XI) | 4 | 2 |
| Academic activities (Average of any 3 activities e.g. quiz, assignment,open book test, field work, group discussion and seminar) | 3 | 1.5 |
| Student – Teacher interaction | 3 | 1.5 |
| **Total** | **10** | **05** |
| **PRACTICALS** |
| Attendance (Refer Table – XI) | 2 |
| Based on Practical Records, Regular viva voce, etc. | 3 |
| **Total** | **5** |

**Table- XI: Guidelines for the allotment of marks for attendance**

|  |  |  |
| --- | --- | --- |
| **Percentage of Attendance** | **Theory** | **Practical** |
| 95 – 100  | 4 | 2 |
| 90 – 94  | 3 | 1.5 |
| 85 – 89  | 2 | 1 |
| 80 – 84  | 1 | 0.5 |
| Less than 80 | 0 | 0 |

**5.2 Sessional Exams**

Two Sessional exams shall be conducted for each theory / practical course as per the schedule fixed by the college(s). The scheme of question paper for theory and practical Sessional examinations is given in table – X. The average marks of two Sessional exams shall be computed for internal assessment as per the requirements given in table – XII. Sessional exam shall be conducted for 30 marks for theory and shall be computed for 15 marks. Similarly Sessional exam for practical shall be conducted for 40 marks and shall be computed for 10 marks.

**5.3 Improvement of internal assessment**

A student shall have the opportunity to improve his/her performance only once in the Sessional exam component of the internal assessment. The re-conduct of the Sessional exam shall be completed before the commencement of that end semester theory examinations.

**5.4 Evaluation of Project work (8th Semester)**

|  |  |
| --- | --- |
| **Evaluation of Dissertation Book** | **Evaluation of Presentation:** |
| Objective(s) of the work done: 15 MarksMethodology adopted : 20 Marks Results and Discussions : 20 Marks Conclusions and Outcomes : 20 Marks **Total : 75 Marks** | Presentation of work : 25 Marks Communication skills : 20 Marks Question and answer skills : 30 Marks **Total : 75 Marks** |

*Explanation*: The 75 marks assigned to the dissertation book shall be same for all the students in a group. However, the 75 marks assigned for presentation shall be awarded based on the performance of individual students in the given criteria.

**6. Carry forward of marks**

In case a student fails to secure the minimum 50% in any Theory or Practical course including internal assessment as specified above, then he/she shall reappear for the end semester examination of that course only. However his/her marks of the Internal Assessment shall be carried over and he/she shall be entitled for grade obtained by him/her on passing.

**Tables-XII: Schemes for internal assessments and end semester examinations semester wise**

**SEMESTER III**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** **code**  | **Name of the course**  | **Internal Assessment** | **End Semester Exams** | **Total** **Marks** |
| **Continuous Mode** | **Sessional Marks**  | **Total** | **Marks** | **Duration** |
| **Exams** | **Duration** |
| BP301T | Pharmaceutical Organic Chemistry II – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP302T  | Physical Pharmaceutics I – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP303T  | Pharmaceutical Microbiology – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP304T  | Pharmaceutical Engineering – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP305P  | Pharmaceutical Organic Chemistry II – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hr | 50 |
| BP306P | Physical Pharmaceutics I – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hr | 50 |
| BP307P | Pharmaceutical Microbiology – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hr | 50 |
| BP308P | Pharmaceutical Engineering –Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hr | 50 |
|  | **Total** | **60** | **100** | **20 Hrs** | **160** | **440** | **28 Hrs** | **600** |

**Tables-XII: Schemes for internal assessments and end semester examinations semester wise**

**SEMESTER IV**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** **code**  | **Name of the course**  | **Internal Assessment** | **End Semester Exams** | **Total** **Marks** |
| **Continuous Mode** | **Sessional Marks**  | **Total** | **Marks** | **Duration** |
| **Exams** | **Duration** |
| BP401T | Pharmaceutical Organic Chemistry III– Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP402T  | Medicinal Chemistry I – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP403T  | Physical Pharmaceutics II – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP404T  | Pharmacology I – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP405T  | Pharmacognosy and Phytochemistry I– Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP406P | Medicinal Chemistry I – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hr | 50 |
| BP407P | Physical Pharmaceutics II – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hr | 50 |
| BP408P | Pharmacology I – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hr | 50 |
| BP409P | Pharmacognosy and Phytochemistry I – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hr | 50 |
|  | **Total** | **70** | **115** | **21 Hrs** | **185** | **515** | **31 Hrs** | **700** |

**Tables-XII: Schemes for internal assessments and end semester examinations semester wise**

**SEMESTER V**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** **code**  | **Name of the course**  | **Internal Assessment** | **End Semester Exams** | **Total** **Marks** |
| **Continuous Mode** | **Sessional Marks**  | **Total** | **Marks** | **Duration** |
| **Exams** | **Duration** |
| BP501T | Medicinal Chemistry II – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP502T  | Industrial Pharmacy I– Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP503T  | Pharmacology II – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP504T  | Pharmacognosy and Phytochemistry II– Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP505T  | Pharmaceutical Jurisprudence – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP506P | Industrial Pharmacy I – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hr | 50 |
| BP507P | Pharmacology II – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hr | 50 |
| BP508P | Pharmacognosy and Phytochemistry II-Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hr | 50 |
|  | **Total** | **65** | **105** | **17 Hrs** | **170** | **480** | **27 Hrs** | **650** |

**Tables-XII: Schemes for internal assessments and end semester examinations semester wise**

**SEMESTER VI**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** **code**  | **Name of the course**  | **Internal Assessment** | **End Semester Exams** | **Total** **Marks** |
| **Continuous Mode** | **Sessional Marks**  | **Total** | **Marks** | **Duration** |
| **Exams** | **Duration** |
| BP601T | Medicinal Chemistry III – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP602T  | Pharmacology III – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP603T  | Herbal Drug Technology – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP604T  | Biopharmaceutics and Pharmacokinetics-Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP605T  | Pharmaceutical Biotechnology – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP606T | Quality Assurance –Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP607P | Medicinal chemistry III – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hr | 50 |
| BP608P | Pharmacology III – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hr | 50 |
| BP609P | Herbal Drug Technology – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hr | 50 |
|  | **Total** | **75** | **120** | **18 Hrs** | **195** | **555** | **30 Hrs** | **750** |

**Tables-XII: Schemes for internal assessments and end semester examinations semester wise**

**SEMESTER VII**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** **code**  | **Name of the course**  | **Internal Assessment** | **End Semester Exams** | **Total** **Marks** |
| **Continuous Mode** | **Sessional Marks**  | **Total** | **Marks** | **Duration** |
| **Exams** | **Duration** |
| BP701T | Instrumental Methods of Analysis – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP702T  | Industrial Pharmacy II – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP703T  | Pharmacy Practice – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP704T  | Novel Drug Delivery System – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP705P | Instrumental Methods of Analysis – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hr | 50 |
| BP706PS | Practice School\* | 25 | -- | -- | 25 | 125 | 5 Hr | 150 |
|  | **Total** | **70** | **70** | **8 Hrs** | **140** | **460** | **21 Hrs** | **600** |

**\*** Non University Examination (NUE)

**Tables-XII: Schemes for internal assessments and end semester examinations semester wise**

**SEMESTER VIII**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** **code**  | **Name of the course**  | **Internal Assessment** | **End Semester Exams** | **Total** **Marks** |
| **Continuous Mode** | **Sessional Marks**  | **Total** | **Marks** | **Duration** |
| **Exams** | **Duration** |
| BP801T | Biostatistics and Research Methodology | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP802T | Social and Preventive Pharmacy | 10 | 15 | 1 Hr | 25 | 75 | 3 Hr | 100 |
| BP803ET | Pharma Marketing Management | 10+10 = 20 | 15+15 = 30 | 1 Hr + 1 Hr = 2 Hr | 25 + 25 = 50 | 75 + 75 = 150 | 3Hr+3Hr = 6 Hr | 100+100 = 200 |
| BP804ET | Pharmaceutical Regulatory Science |
| BP805ET | Pharmacovigilance |
| BP806ET | Quality Control and Standardization of Herbals |
| BP807ET | Computer Aided Drug Design |
| BP808ET | Cell and Molecular Biology |
| BP809ET | Cosmetic Science |
| BP810ET | Experimental Pharmacology |
| BP811ET | Advanced Instrumentation Techniques |
| BP812ET | Dietary Supplements and Nutraceuticals |
| BP813PW | Project Work | -- | -- | -- | -- | 150 | 4 Hrs | 150 |
|  | **Total** | **40** | **60** | **4 Hrs** | **100** | **450** | **16 Hrs** | **550** |

**7. End Semester Examinations**

The End Semester Examinations for each theory and practical course through semesters III to VIII shall be conducted by the university as shown in Table XIII. For the subjects with asterix symbol (\*) in table VII for which examinations shall be conducted by the subject experts at Institute level and the marks/grades shall be submitted to the university as given in table–XIV.

**8. Question paper pattern for end semester theory examinations**

**For 75 marks paper**

I. Multiple Choice Questions (MCQs) = 20 x 1 = 20

OR OR

 Objective Type Questions (10 x 2) = 10 x 2 = 20

(Answer all the questions)

II. Long Answers (Answer 2 out of 3) = 2 x 10 = 20

III. Short Answers (Answer 7 out of 9) = 7 x 5 = 35

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Total = 75 marks

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**For 50 marks paper**

I. Long Answers (Answer 2 out of 3) = 2 x 10 = 20

II. Short Answers (Answer 6 out of 8) = 6 x 5 = 30

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Total = 50 marks

**------------------**

**For 35 marks paper**

I. Long Answers (Answer 1 out of 2) = 1 x 10 =10

II. Short Answers (Answer 5 out of 7) = 5 x 5 = 25

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Total = 35 marks

**------------------**

**Question paper pattern for end semester practical examinations**

I. Synopsis = 5

II. Experiments = 25

III. Viva voce = 5

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Total = 35 marks

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**9. End semester and Reappear examinations**

End semester examination shall be conducted as per the schedule given in table XIII. The exact dates of examinations shall be notified by the University.

**Table-XIII: Tentative schedule of end semester examinations**

|  |  |  |
| --- | --- | --- |
| **Semester** | **For Regular Candidates** | **For Failed Candidates** |
| III, V and VII | November / December | May / June |
| IV, VI and VIII | May / June | November / December |

**10. Promotion and award of grades**

A student shall be declared PASS and eligible for getting grade in a course of B.Pharm. program if he/she secures at least 50% marks in that particular course including internal assessment. For example, to be declared as PASS and to get grade, the student has to secure a minimum of 50 marks for the total of 100 including continuous mode of assessment and end semester theory examination and has to secure a minimum of 25 marks for the total 50 including internal assessment and end semester practical examination.

**11. Grading of performances (Letter grades and grade points allocations)**

Based on the performances, each student shall be awarded a final letter grade at the end of the semester for each course. The letter grades and their corresponding grade points are given in Table – XIV.

**Table-XIV**

|  |  |  |  |
| --- | --- | --- | --- |
| **Percentage of Marks Obtained** | **Letter grade** | **Grade Point** | **Marks** |
| 90.00-100 | O | 10 | Outstanding |
| 80.00-89.99 | A | 9 | Excellent |
| 70.00-79.99 | B | 8 | Good |
| 60.00-69.99 | C | 7 | Fair |
| 50.00-59.99 | D | 6 | Average |
| Less than 50 | F | 0 | Fail |
| Absent | AB | 0 | Fail |

A student who remains absent for any end semester examination shall be assigned a letter grade of AB and a corresponding grade point of zero. He/she should reappear for the said evaluation/examination in due course.

**12. The Semester grade point average (SGPA)**

The performance of a student in a semester is indicated by a number called ‘Semester Grade Point Average’ (SGPA). The SGPA is the weighted average of the grade points Obtained in all the courses by the student during the semester. For example, if a student takes five courses(Theory/Practical) in a semester with credits C1, C2, C3, C4 and C5 and the student’s grade points in these courses are G1, G2, G3, G4 and G5, respectively, and then students’ SGPA is equal to:

**C1G1 + C2G2 + C3G3 + C4G4+ C5G5**

**SGPA = --------------------------------------------------**

**C1 + C2 + C3 + C4+ C5**

The SGPA is calculated to two decimal points. It should be noted that, the SGPA for any semester shall take into consideration the F and ABS grade awarded in that semester. For example if a learner has a F or ABS grade in course 4, the SGPA shall then be computed as:

**C1G1 + C2G2 + C3G3 + C4\* ZERO + C5G5**

**SGPA = ------------------------------------------------------**

 **C1 + C2 + C3 + C4+ C5**

**13. Cumulative Grade Point Average (CGPA)**

The CGPA is calculated with the SGPA of all the VIII semesters to two decimal points and is indicated in final grade report card/final transcript showing the grades of all VIII semesters and their courses. The CGPA shall reflect the failed status in case of F grade(s), till the course(s) is/are passed. When the course(s) is/are passed by obtaining a pass grade on subsequent examination(s) the CGPA shall only reflect the new grade and not the fail grades earned earlier. The CGPA is calculated as:

**C1S1 + C2S2 + C3S3 + C4S4+ C5S5+ C6S6+ C7S7+ C8S8**

**CGPA = -------------------------------------------------------------------------**

**C1 + C2 + C3 + C4+ C5+ C6+ C7+ C8**

where C1, C2, C3,…. is the total number of credits for semester I,II,III,…. and S1,S2, S3,….is the SGPA of semester I,II,III,…. .

**14.** **Declaration of class**

The class shall be awarded on the basis of CGPA as follows:

First Class with Distinction = CGPA of. 7.50 and above

First Class = CGPA of 6.00 to 7.49

 Second Class = CGPA of 5.00 to 5.99

**15. Award of Ranks**

Ranks and Medals shall be awarded on the basis of final CGPA. However, candidates who fail in one or more courses during the B.Pharm program shall not be eligible for award of ranks. Moreover, the candidates should have completed the B. Pharm program in minimum prescribed number of years, (four years) for the award of Ranks.

**16. Award of degree**

Candidates who fulfill the requirements mentioned above shall be eligible for award of degree during the ensuing convocation.