



University of Mumbai



॥ विद्या विनयेन शोभते ॥

Janardan Bhagat Shikshan Prasarak Sanstha's

Changu Kana Thakur

**Arts, Commerce and Science College, New Panvel
Autonomous**

Scheme of Evaluation for

**Continuous Assessments and
Semester End Examinations**

for

Under-graduate Programmes

under

Faculty of Science

Under Autonomous status with

Credit Based Semester and Grading System

(To be implemented from Academic Year 2019-2020)

Scheme of Examination

Faculty of Science

(Undergraduate Programmes)

Credit Based Evaluation System

I) Traditional Programmes: Bachelor of Science (B.Sc.)

➤ Scheme of Examination

The performance of the learners shall be evaluated into two components. The learner's Performance shall be assessed by Internal Assessment with 25% marks in the first component by conducting the Semester End Examinations with 75% marks in the second component. The allocation of marks for the Internal Assessment and Semester End Examinations are as shown below:-

A) Internal Assessment: 25 %

25 Marks

Sr. No.	Particular	Marks
01	One periodical class test / online examination to be conducted in the given semester	20 Marks
02	Active participation in routine class instructional deliveries and overall conduct as a responsible learner, mannerism and articulation and exhibit of leadership qualities in organizing related academic activities	05 Marks

(For Foundation Course (F.C.) /F.C. in P. E./ F.C. in N.S.S./ F.C. in N.C.C.)

Sr. No.	Particular	Marks
01	One case study / project based on curriculum to be assessed by the teacher concerned	20 Marks
	Written Document	15 Marks
	Viva/presentation	05 Marks
02	Active participation in routine class, instructional deliveries and overall conduct as a responsible learner, mannerism and articulation and exhibit of leadership qualities in organizing related academic activities	05 Marks

Question Paper Pattern

(Periodical Class Test for the Courses at Under Graduate Programmes)

Maximum Marks: 20

Questions to be set: 02

Duration: 40 Minutes

All Questions are Compulsory

Question No	Particular	Marks
Q-1	Match the Column / Fill in the Blanks / Multiple Choice Questions/ Answer in One or Two Lines (Concept based Questions) (1 Marks / 2 Marks each)	10 Marks
Q-2	Answer in Brief (Attempt any Two of the Three) (5 Marks each)	10 Marks

B) Semester End Examination: 75 %

75 Marks

➤ Undergraduate Programmes of F. Y. B.Sc. (Sem. I & II) and S. Y. B.Sc. (Sem. III & IV)

- Duration: The examination shall be of $2\frac{1}{2}$ hours duration.

Question Paper Pattern

Theory question paper pattern

1. There shall be four questions.
2. On each unit there will be one question and fourth question will be based on entire syllabus.
3. Question number 1, 2 and 3 will be of 20 marks each (40 marks with internal options) and question number 4 will be of 15 marks (30 marks with internal options).
4. All questions shall be compulsory with internal options.
5. Question may be subdivided into sub-questions a, b, c... and the allocation of marks depends on the weightage of the unit.

➤ **Undergraduate Programmes of T. Y. B.Sc. (Sem. V & VI)**

- Duration: The examination shall be of $2\frac{1}{2}$ hours duration.

Question Paper Pattern

Theory question paper pattern

1. There shall be five questions of 15 marks each (30 marks with internal options).
2. On each unit there will be one question and fifth question will be based on entire syllabus.
3. All questions shall be compulsory with internal options.
4. Question may be subdivided into sub-questions a, b, c... and the allocation of marks depends on the weightage of the unit.

➤ **Passing Standard**

The learners to pass a course shall have to obtain a minimum of 40% marks in aggregate for each course where the course consists of Internal Assessment and Semester End Examination. The learners shall obtain minimum of 40% marks (i.e. 10 out of 25) in the Internal Assessment and 40% marks in Semester End Examination (i.e. 30 Out of 75) separately, to pass the course and minimum of Grade D, wherever applicable, to pass a particular semester. A learner will be said to have passed the course if the learner passes the Internal Assessment and Semester End Examination together.

II) Speciality Programmes

- Bachelor of Science (B.Sc.)
 - i) B.Sc. in Biotechnology
 - ii) B.Sc. in Computer Science
 - iii) B.Sc. in Information Technology

➤ Scheme of Examination

The performance of the learners shall be evaluated into two components. The learner's Performance shall be assessed by Internal Assessment with 40% marks in the first component by conducting the Semester End Examinations with 60% marks in the second component. The allocation of marks for the Internal Assessment and Semester End Examinations are as shown below:-

A) Internal Assessment: 40 % 40 Marks

Sr. No.	Particular	Marks
01	One periodical class test / online examination to be conducted in the given semester	20 Marks
02	One case study / project with presentation based on curriculum to be assessed by the teacher concerned	15 Marks
	Presentation	10 Marks
	Written Document	05 Marks
03	Active participation in routine class instructional deliveries and overall conduct as a responsible learner, mannerism and articulation and exhibit of leadership qualities in organizing related academic activities	05 Marks

Question Paper Pattern

(Periodical Class Test for the Courses at Under Graduate Programmes)

Maximum Marks: 20

Duration: 40 Minutes

Questions to be set: 02

All Questions are Compulsory

Question No.	Particular	Marks
Q-1	Match the Column / Fill in the Blanks / Multiple Choice Questions/ Answer in One or Two Lines (Concept based Questions) (1 Marks / 2 Marks each)	10 Marks
Q-2	Answer in Brief (Attempt any Two of the Three) (5 Marks each)	10 Marks

B) Semester End Examination: 60 %

60 Marks

- Undergraduate Programmes of F. Y. B.Sc. (Sem. I & II) and S. Y. B.Sc. (Sem. III & IV)
 - Duration: The examination shall be of 2 hours duration.

Question Paper Pattern

Theory question paper pattern

1. There shall be four questions of 15 marks each (30 marks with internal options).
2. On each unit there will be one question and fourth question will be based on entire syllabus.
3. All questions shall be compulsory with internal options.
4. Question may be subdivided into sub-questions a, b, c... and the allocation of marks depends on the weightage of the unit.

- Undergraduate Programmes of T. Y. B.Sc. (Sem. V & VI)
 - Duration: The examination shall be of 2 hours duration.

Question Paper Pattern

Theory question paper pattern

1. There shall be four questions of 15 marks each (30 marks with internal options).
2. All questions shall be compulsory with internal options.
3. Question may be subdivided into sub-questions a, b, c... and the allocation of marks depends on the weightage of the unit.

❖ For B.Sc. in Information Technology

B) Semester End Examination: 60 %

60 Marks

- Duration: The examination shall be of 2 hours duration.

Question Paper Pattern

Theory question paper pattern	
1.	There shall be five questions each of 12 marks.
2.	All questions shall be compulsory with internal options.
3.	Question may be subdivided into sub-questions a, b, c... and the allocation of marks depends on the weightage of the unit.

➤ **Passing Standard**

The learners to pass a course shall have to obtain a minimum of 40% marks in aggregate for each course where the course consists of Internal Assessment and Semester End Examination. The learners shall obtain minimum of 40% marks (i.e. 16 out of 40) in the Internal Assessment and 40% marks in Semester End Examination (i.e. 24 Out of 60) separately, to pass the course and minimum of Grade D, wherever applicable, to pass a particular semester. A learner will be said to have passed the course if the learner passes the Internal Assessment and Semester End Examination together.

➤ **Evaluation pattern of the project work (50 Marks)**

Student would undertake a project for 1-2 months during the semester.

Sr. No.	Particular	Marks
01	Project	50 Marks
	Documentation	25 Marks
	Presentation	15 Marks
	Viva	10 Marks

- *The plagiarism should be maintained as per the UGC guidelines.*

Note: As per previous ordinance there will not be any internal examination for practical.

Note: 1) It is noted that the concerned regulation of the university is amended and implemented to all Semesters i.e. Semester I to Semester VI to all undergraduate programmes, under faculty of Arts, Commerce and Science with effect from the academic year 2019 - 2020.

2) This scheme of evaluation is discussed in detail, finalised and accepted.