



Syllabus

For B.Sc 4th Semester Courses in

Botany

(June 2020 onwards)

- Contents:
- Theory Syllabus for Courses:
 - SBOT0401 – Lower Vascular Plants
 - SBOT0402 – Angiosperms Families
 - SBOT0403 – Analytical Tools

- Practical Course Syllabus for: SBOT04PR
- Evaluation and Assessment guidelines.

S.Y. B.Sc. Botany
Course Title: LOWER VASCULAR PLANTS

Course code: SBOT0401

Learning Objectives:

1. To learn the life cycles of selected individuals of bryophytes, pteridophytes and gymnosperms.
2. To recognize the geological time periods and the plants of past.
3. To study the different methods of fossilization.

Number of lectures: 45

Unit 1

(15 lectures)

Bryophyta

Classification of Bryophyta up to class; Salient features of Hepaticae, Anthocerotae and Musci; Structure, life cycle and systematic position of *Marchantia*, *Anthoceros* and *Funaria*; Thallus organization in bryophyta, apogamy and apospory in bryophytes.

Unit 2

(15 lectures)

Pteridophyta

Classification of Pteridophyta up to class. Salient features of Psilophyta, Lepidophyta, Calamophyta and Pterophyta. Structure, life cycle and systematic position of *Selaginella*, *Equisetum* and *Adiantum*. Heterospory and origin of seed.

Unit 3

(15 lectures)

Gymnosperms And Palaeobotany

Classification of Gymnosperms up to class. Structure, life cycle and systematic position of *Cycas* and *Gnetum*. Economic importance of gymnosperms. Palaeobotany- geological time scale, fossil formation, Birbal Sahani Institute of Paleobotany, Lucknow; Study of form genera- *Lepidodendron*, *Lyginopteris*.

List of Recommended Reference Books

1. Vasishtha B.R. And A. K. Sinha- Botany for degree students: Bryophyta / Pteridophyta; S. Chand & Company Ltd, 1st edition, revised 2005.
2. Smith, Gilbert M; Cryptogamic Botany Bryophyta & Pteridophyta Volume 2; 2nd edition; McGraw hill book Comp. Tokyo, 1955.
3. Kar, Ashok Kumar; Gangulee, Hirendra Chandra; College botany: Volume II; 2nd edition; Kolkata: New Central Book Agency (P) Ltd , 1989, 2006.
4. Dutta, A.C.; A Classbook of Botany; 15th edition; Calcutta: Oxford University Press, 1976.
5. Chamberlain, Charles Joseph; Gymnosperms : structure and evolution; 2nd edition; New York Dover Publications, Inc. , 1966.
6. Rashid, A.; An introduction to pteridophyta : diversity and differentiation; 4th edition; New Delhi: Vikas Publishing House Pvt. Ltd. , 1982.

Practical: SBOTPR0401

- I) Study of stages in the life cycle of *Anthoceros*, *Marchantia* and *Funeria*.
- II) Study of stages in the life cycle of *Selaginella*, *Equisetum* / *Adiantum*.
- III) Study of stages in the life cycle of *Cycas* and *Gnetum*.
- IV) Study of form genus *Lepidodendron*, *Lyginopteris*.

S.Y. B.Sc. Botany

Course code: SBOT0402

Course Title: ANGIOSPERMS FAMILIES

Learning Objectives:

1. To learn the taxonomical terminology and understand the meaning of the same.
2. To summarize various classification systems and understand the reasoning behind the same.
3. To understand the basics of plant nomenclature.

Number of lectures: 45

Unit 1

(15 lectures)

Morphology and Economic Botany

Morphology of fruits; Economic botany: fiber yielding plants, paper yielding plants, spices and condiments.

Unit 2

(15 lectures)

Angiosperm Families

Study of the following angiosperm families and their economic importance (Bentham and Hooker's System): Anacardiaceae, Rutaceae, Combretaceae, Myrtaceae, Apiaceae, Rubiaceae, Euphorbiaceae, Apocynaceae and Arecaceae.

Unit 3

(15 lectures)

Literature and Herbarium Techniques

Taxonomic structure, major and minor categories, taxonomic literature, characters of taxonomic importance – anatomy, palynology and embryology. Herbarium – Blatter Herbarium; techniques used in preparation of herbarium specimens.

List of Recommended Reference Books

1. Dutta, A.C.; A Classbook of Botany; 15th edition; Calcutta: Oxford University Press, 1976.
 2. Sivarajan, V.V.; Introduction to the principles of plant taxonomy; 2nd edition; Cambridge: Cambridge University Press, 1991.
 3. Subrahmanyam, N.S.; Modern plant taxonomy; New Delhi : 1st edition; Vikas Publishing House Pvt. Ltd., 1995.
 4. Lawrence, George H.M.; Taxonomy of Vascular Plants; 1st edition; New Delhi : Oxford & Ibh Publishing Co., 1967.
 5. Naik, V.N.; Taxonomy of angiosperms; 1st edition; New Delhi :
 6. Sharma, O.P.; Plant Taxonomy; 1st edition, reprint; New Delhi : Tata Mcgraw-Hill Publishing Co.Ltd.,1993(2002)
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Practical: SBOTPR0402

- I) Study of Fruit morphology.
- II) Study of two anatomical, palynological and embryological characters of taxonomic importance.
- III) Study of the following families: Anacardiaceae, Rutaceae, Combretaceae, Myrtaceae, Apiaceae, Rubiaceae, Euphorbiaceae, Apocynaceae, Arecaceae.
- IV) Visit to Blatter Herbarium and preparation of a report on the same.
- V) Field excursion.

S.Y. B.Sc. Botany

Course code: SBOT0403

Course Title: ANALYTICAL TOOLS

Learning Objectives:

1. To recognize and practice the methods of evaluation of crude drugs and the adulterants used.
2. To learn the working and use of instruments in plant sciences.
3. To use the websites and databases available on the internet for bioinformatics.
4. To compare the significant difference/s in 2 or more samples using statistical tests.

Number of lectures: 45

Unit 1 (15 lectures)

Medicinal Botany

Kampoh and ayurvedic system of medicine, modern classification system of crude drugs, Pharmacognosy- definition, scope, drug adulteration, drug evaluation methods, phytochemical investigations. Bio-prospection for medicinal plants; Crude drugs- ginger, turmeric, tulsi, garlic, cinnamon, nutmeg, clove. Herbal cosmetics.

Unit 2 (15 lectures)

Instrumentation

Principle, working and applications of: pH meter, colorimeter; light, phase contrast, scanning and transmission electron microscopy. Paper, thin layer and column chromatography; gel electrophoresis.

Unit 3 (15 lectures)

Biostatistics and Bioinformatics

Distribution of data in Biology. frequency distribution; standard deviation; Descriptive statistics, Testing of hypothesis: Student's t-test (paired and unpaired), and Correlation. Bioinformatics- introduction, tools used, NCBI and other data bases, services offered by NCBI and EBI.

List Of Recommended Reference Books

1. Mahajan, B.K.; Methods in biostatistics; 6th edition; New Delhi: Jaypee Brothers, 1997.
 2. Kandavel, D., Pandian, T.T.; Textbook of biotechnology; 1st edition; New Delhi: I.K. International Publishing House Pvt. Ltd , 2008.
 3. Kokate, C.K.; Purohit, A.P.; Gokhale, S.B.; Pharmacognosy; 39th edition; Pune : Nirali Prakashan, 2007.
 4. Ignacimuthu, S.; Basic bioinformatics; 4th edition; New Delhi: Narosa Publishing House, 2005.
 5. Rastogi, Veer Bala.; Fundamentals of Biostatistics; 2nd edition, New Delhi : Ane Books India 2008.
 6. Qadry, J.S.; Pharmacognosy; 16th edition; N.A. : Author, 2010.
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Practical: SBOTPR0403

- I) Determination of swelling factor, and extractive values of crude drugs.
- II) Pharmacognostic study- *Adhoda vasica*, *Zingiber officinale*, *Cinnamomum zylanicum*.
- III) Preliminary tests for alkaloids, tannins and glycosides.
- IV) Crude drugs- Ginger, Turmeric, Tulsi, Garlic, Cinnamon, Nutmeg, Clove.
- V) Separation of carotenoids by column chromatography(Demonstration).

- VI) Measure of central tendency, frequency distribution, Standard deviation, t –test analysis.
- VII) Use of BLAST and MSA.

Evaluation and Assessment: SBOT0401, SBOT0402 and SBOT0403 courses

Evaluation (Theory): Total marks per course - 100.

CIA- 40 marks

CIA 1: Written test -20 marks

CIA 2: Written Test / Assignment / Presentation / Field Trip & Report -20 marks

End Semester Examination – 60 marks

One question from each unit for 20 marks, with internal choice. Total marks per question with choice -28 to 30.

Evaluation of SBOT4PR (Practical) Total marks per Practical course - 150.

End Semester Practical Examination – (SBOTPR0401- 50 marks, SBOTPR0402- 50 marks, SBOTPR0403- 50 marks)

Template for SBOT0401 Course End Semester Examination in Semester 4

UNITS	KNOWLEDGE	UNDERSTANDING	APPLICATION and ANALYSES	TOTAL MARKS- Per unit
1	12	08	0	20
2	12	08	0	20
3	12	08	0	20
-TOTAL - Per objective	36	24	0	60
% WEIGHTAGE	60	40	0	100%

Template for SBOT0402 Course End Semester Examination in Semester 4

UNITS	KNOWLEDGE	UNDERSTANDING	APPLICATION and ANALYSES	TOTAL MARKS- Per unit
1	12	08	0	20
2	08	06	06	20
3	10	06	04	20
-TOTAL - Per objective	30	20	10	60
% WEIGHTAGE	50	33.33	16.66	100%

Template for SBOT0403 Course End Semester Examination in Semester 4

UNITS	KNOWLEDGE	UNDERSTANDING	APPLICATION and ANALYSES	TOTAL MARKS- Per unit
1	12	08	0	20
2	08	06	06	20
3	06	06	08	20
-TOTAL - Per objective	26	20	14	60
% WEIGHTAGE	43.33	33.33	23.33	100%

St. Xavier's College, Mumbai.
ASSESSMENT OF WRITTEN ASSIGNMENT- TYPE - I

Dept. of Botany; Course Code _____ Date _____ Roll No _____

Name of student: _____ UIDNo _____ Marks _____ / 20

Title of Assignment: _____

Assessment Grid : Place one tick in each appropriate row. Overall mark should reflect the positions of ticks in the individual rows. In boxes that have more than one set of marks, cancel out the marks that are not applicable and circle the correct marks.

Assessment of Written Assignment: 20 Marks

100%	ASSIGNMENT	80-100% (17-20 Marks)	60-80% (13-16 Marks)	40- 60% (9-12 Marks)	20-40% (5-8 Marks)	0-20% (0-4 Marks)
60 % 12	Content Impression of wide reading (research), good knowledge and comprehensive understanding. Evidence of thoughtful input. Ability to critique, Bibliography mentioned ----- Marks -----	Excellent 12 / 11 / 10	Good 9 / 8	Satisfactory 7 / 6	Poor 5 / 4	Very Poor 3 / 2 / 1
30 % 06	Organization Effective presentation, logical format, clear statement of ideas, relevant details, sequence of information and ideas could be easily followed, references / footnotes / endnotes ----- Marks -----	Effective organization 6	Few problems 5	Many problems 4	Inadequate presentation. Ineffective format, communication of ideas, lack of relevant details – but an attempt 3	No attempt to organize 2
5% 01	Vocabulary ----- Marks -----	Richness of vocabulary 1	Very good range of vocabulary with some errors 1	Good range of vocabulary with some errors 0.5	Small range of vocabulary with errors 0.5	Little of no effort to demonstrate vocabulary knowledge 0
5% 01	Grammar, spellings, mechanics ----- Marks -----	Grammar, spellings punctuations correct 1	Very few errors 1	Some errors 0.5	Many errors 0.5	No effort 0

Comments:

Name and Signature of Faculty _____.

St. Xavier's College, Mumbai.
ASSESSMENT OF WRITTEN ASSIGNMENT- TYPE - II

Dept. of Botany; Course Code _____ Date _____ Roll No _____

Name of student: _____ UIDNo _____ Marks _____ / 20

Title of Assignment: _____

Assessment Grid : Place one tick in each appropriate row. Overall mark should reflect the positions of ticks in the individual rows. In boxes that have more than one set of marks, cancel out the marks that are not applicable and circle the correct marks.

Assessment of Written Assignment: 20 Marks

100%	ASSIGNMENT	80-100% (17-20 Marks)	60-80% (13-16 Marks)	40- 60% (9-12 Marks)	20-40% (5-8 Marks)	0-20% (0-4 Marks)
50 % 10	Content Impression of wide reading (research), good knowledge and comprehensive understanding. Evidence of thoughtful input. Ability to critique, Bibliography mentioned ----- Marks -----	Excellent 10 / 9	Good 8 / 7	Satisfactory 6 / 5	Poor 4 / 3	Very Poor 2 / 1
30 % 06	Organization Effective presentation, logical format, clear statement of ideas, relevant details, sequence of information and ideas could be easily followed, references / footnotes / endnotes ----- Marks -----	Effective organization 6 / 5	Few problems 4	Many problems 3	Inadequate presentation. Ineffective format, communication of ideas, lack of relevant details – but an attempt 2	No attempt to organize 1
10% 02	Vocabulary ----- Marks -----	Richness of vocabulary 2	Very good range of vocabulary with some errors 1.5	Good range of vocabulary with some errors 1	Small range of vocabulary with errors 1	Little of no effort to demonstrate vocabulary knowledge 0.5
10% 02	Grammar, spellings, mechanics ----- Marks -----	Grammar, spellings punctuations correct 2	Very few errors 1.5	Some errors 1	Many errors 1	No effort 0.5

Comments:

Name and Signature of Faculty _____.

St. Xavier's College, Mumbai.
ASSESSMENT OF BOTANY FIELD TRIP REPORT

Dept. of Botany; Course Code _____ Date _____ Roll No _____

Name of student: _____ UIDNo _____ Marks _____ / 20

Place of visit _____

Assessment Grid : Place one tick in each appropriate row. Overall mark should reflect the positions of ticks in the individual rows

(20)	Field Trip and Report	80-100% 17-20 Marks	60-80% 13-16 Marks	40-60% 09-12 Marks	20-40% 05-08 Marks	0-20% 0-04 Marks
30% (06)	Organization of report -----Marks----- -	Introduction about the location, vegetation, Botanical Names, Family, Local name, Description using Botanical Term, reporting all the species seen, Handwritten or typed. 6	Few mistakes, few species missing from the report 5	Many mistakes 4	Inadequate presentation, ineffective format, lack or relevant detail, but an attempt 3	No attempt to organize 2
50% (10)	Content -----Marks-----	Excellent reporting of all the species observed in the field, ecological and morphological data, 10 / 9	Good reporting, species observed in the field but few of them missing in the list 8	Satisfactory, many species or relevant data missing from the report 6	Poor, inadequate and insufficient data or just a list of the species without any data. 5	Very poor, no data 4 / 3
10% (02)	Conclusion -----Marks-----	Excellent conclusion based on self observation. Type of forest and vegetation 2	Good conclusion, comments not independent 2 / 1	Satisfactory, but insufficient 1 / 0.5	Poor, irrelevant conclusion 0.5	Very poor, no conclusion 0.5
5% (01)	References -----Marks----- -	Proper references, in required format 1	Proper references but no format 1	Few references 0.5	Irrelevant references 0	No references 0
5% (01)	Attendance / participation -----Marks----- -	Attended and participated actively 1	Attended and participated 1	Infrequent Participation 0.5	No participation 0	Absent 0

Comments:

Name and Signature of Faculty _____.

St. Xavier's College, Mumbai.

ASSESSMENT OF INDIVIDUAL ORAL PRESENTATION -A

Dept. of Botany; Course Code _____ Date _____ Roll No _____

Name of student: _____ UIDNo _____ Marks _____/ 20

Title of oral presentation: _____

Assessment Grid : Place one tick in each appropriate row. Overall mark should reflect the positions of ticks in the individual rows**Presentation: 30 % (06 marks)**

30%	PRESENTATION	80-100%	60-80%	40- 60%	20-40%	0-20%
10 %	Presentation skills	Varied rate of delivery, Changed pitch for emphasis, No distracting mannerisms ,good eye contact , Confident body language, Connected with audience	Good but a few weaknesses	Good but a few weaknesses with one pronounced weakness	Several Weaknesses	No speech variation, Distracting mannerisms, no eye contact, dull, and reading from notes/visual aids
2.0	----- Marks -----	2.0	1.5	1.0	1.0	0.5
10 %	Use of Visuals (Efforts to Aid Presentation)	Very good, relevant visuals, good font size/ image size, Appropriate number of words and images per slide, good colour schemes	Good but a few weaknesses	Good but a few weaknesses with one pronounced weakness	Several Weaknesses	Very poor visuals, visuals did not contribute to the presentation
2.0	----- Marks -----	2.0	1.5	1.0	1.0	0.5
5%	Timing and Pace of Talk	Right length and well paced	Right Length but too slow or too rushed	Long or short <i>and</i> too slow or too rushed	Too long <i>or</i> too short	Had to be stopped <i>or</i> less than 50% of the allocated time
01	----- Marks -----	1.0	0.5	0.5	0	0
5%	Audibility and Comprehensibility	Very clear and very precise	Clear, quite precise	Almost inaudible <i>and</i> difficult to understand	Almost inaudible <i>or</i> very difficult to understand	Inaudible <i>or</i> completely incomprehensible
01	----- Marks -----	1.0	1.0	0.5	0.5	0

Total marks for presentation: _____ out of 06 marks.

Content: 70% (14 Marks)

70%	CONTENT	80-100%	60-80%	40- 60%	20-40%	0-20%
35%	Knowledge and Understanding Innovation Impression of wide reading, good knowledge and complete understanding 07 ----- Marks -----	Excellent 7.0	Good 6.0 / 5.0	Satisfactory 4.0 / 3.0	Poor 2.0	Very Poor 1.0
10%	Structure of Presentation Logical Structure, Clear Introduction, Body and Relevant Conclusion, sequence of information and ideas could be easily followed , Citation of source material 02 ----- Marks -----	Excellent 2.0	Good 2.0	Satisfactory 1.0	Poor 0.5	Very Poor 0.5
5%	Key Points/ Themes Identified Key Points, Kept to the points throughout the presentation- did not wander 01 ----- Marks -----	Excellent 1.0	Good 1.0	Satisfactory 0.5	Poor 0.5	Very Poor 0
10%	Ability to answer Questions Answers accurate and full of confidence 02 ----- Marks -----	Excellent 2.0	Good 1.5	Satisfactory 1.0	Poor 0.5	Very Poor 0
10%	Creation of Interest/ Audience Participation Created interest in the topic 02 ----- Marks -----	Excellent 2.0	Good 1.5	Satisfactory 1.0	Poor 1.0	Very Poor 0.5

Total for content: _____ out of 14; Total marks for oral presentation: _____ out of **20**

Comments:

Name of the Faculty _____.

Signature of the Faculty _____

St. Xavier's College, Mumbai.

ASSESSMENT OF INDIVIDUAL ORAL PRESENTATION -B

Dept. of Botany; Course Code _____ Date _____ Roll No _____

Name of student: _____ UIDNo _____ Marks _____ / 20

Title of oral presentation: _____

Assessment Grid : Place one tick in each appropriate row. Overall mark should reflect the positions of ticks in the individual rows**Presentation: 40 % (8 marks)**

40%	PRESENTATION	80-100%	60-80%	40- 60%	20-40%	0-20%
15 %	Presentation skills	Varied rate of delivery, Changed pitch for emphasis, No distracting mannerisms ,good eye contact , Confident body language, Connected with audience	Good but a few weaknesses	Good but a few weaknesses with one pronounced weakness	Several Weaknesses	No speech variation, Distracting mannerisms, no eye contact, dull, and reading from notes/visual aids
03	----- Marks -----	3.0	2.5	2.0	1.5	1.0
15 %	Use of Visuals (Efforts to Aid Presentation)	Very good, relevant visuals, good font size/ image size, Appropriate number of words and images per slide, good colour schemes	Good but a few weaknesses	Good but a few weaknesses with one pronounced weakness	Several Weaknesses	Very poor visuals, visuals did not contribute to the presentation
03	----- Marks -----	3.0	2.5	2.0	1.5	1.0
5%	Timing and Pace of Talk	Right length and well paced	Right Length but too slow or too rushed	Long or short and too slow or too rushed	Too long or too short	Had to be stopped or less than 50% of the allocated time
01	----- Marks -----	1.0	1.0	0.5	0.5	0
5%	Audibility and Comprehensibility	Very clear and very precise	Clear, quite precise	Almost inaudible and difficult to understand	Almost inaudible or very difficult to understand	Inaudible or completely incomprehensible
01	----- Marks -----	1.0	1.0	0.5	0.5	0

Total marks for presentation: _____ out of 08 marks.

Content: 60% (12 Marks)

60%	CONTENT	80-100%	60-80%	40- 60%	20-40%	0-20%
25%	Knowledge and Understanding Innovation Impression of wide reading, good knowledge and complete understanding ----- Marks -----	Excellent	Good	Satisfactory	Poor	Very Poor
05		5.0	4.0	3.0	2.0	1.0
10%	Structure of Presentation Logical Structure, Clear Introduction, Body and Relevant Conclusion, sequence of information and ideas could be easily followed , Citation of source material ----- Marks -----	Excellent	Good	Satisfactory	Poor	Very Poor
02		2.0	1.5	1.0	0.5	0.5
5%	Key Points/ Themes Identified Key Points, Kept to the points through out the presentation- did not wander. ----- Marks -----	Excellent	Good	Satisfactory	Poor	Very Poor
01		1.0	1.0	0.5	0.5	0
10%	Ability to answer Questions Answers accurate and full of confidence ----- Marks -----	Excellent	Good	Satisfactory	Poor	Very Poor
02		2.0	1.5	1.0	0.5	0
10%	Creation of Interest/ Audience Participation Created interest in the topic. ----- Marks -----	Excellent	Good	Satisfactory	Poor	Very Poor
02		2.0	1.5	1.0	0.5	0

Total for content: _____ out of 12; Total marks for oral presentation: _____ out of **20**

Comments:

Name of the Faculty _____.

Signature of the Faculty _____

St. Xavier's College, Mumbai.

ASSESSMENT OF GROUP ORAL PRESENTATION -TYPE-I

Dept. of Botany; Course Code _____ Date _____

UIDNo _____ Roll No _____ Marks _____/20

Name of student: _____

Title of oral presentation: _____

Assessment Grid : Place one tick or circle appropriate mark in each appropriate row. Overall mark should reflect the positions of ticks/marks in the individual rows.

Individual Assessment: 40 % (08 marks)

40%	PRESENTATION	80-100%	60-80%	40- 60%	20-40%	0-20%
25 %	Presentation skills Clear enunciation, varied rate of delivery, Changed pitch for emphasis, No distracting mannerisms ,good eye contact , Confident body language, Connection with audience	Excellent	Good	Average	Poor	Very Poor
05	----- Marks -----	5.0	4.0	3.0	2.0	1.0 / 0
15 %	Ability to answer questions Clarity of thought and confidence	Excellent	Good	Satisfactory	Poor	Very Poor
03	----- Marks -----	3.0	2.0	1.0	1.0	0

Total marks for presentation: _____ out of 08 marks. Total for group assessment _____ out of 12 marks;

Comments:

Total marks for oral presentation: _____ out of **20**

Name of the Faculty _____.

Signature of the Faculty _____

Group Assessment: 60% i.e. 12 marks

60%	CONTENT	80-100%	60-80%	40- 60%	20-40%	0-20%
40%	Knowledge and Understanding Impression of wide reading, presentation of facts/texts good knowledge understanding and critical assessment	Excellent	Good	Satisfactory	Poor	Very Poor
08	----- Marks -----	8.0 / 7.0	6.0	5.0	4.0 / 3.0	2.0 / 1.0
15%	(Content) Structure of Presentation Logical Structure, Clear Introduction, Body and Relevant Conclusion, sequence of information and ideas could be easily followed , Citation of source material Key Points/ Themes Identified Key Points and sustained Creation of Interest/ Audience Participation	Excellent	Good	Satisfactory	Poor	Very Poor
03	----- Marks -----	3.0	3.0	2.0	1.0	0
5%	Efforts to Aid Presentation Relevant visuals, good font/ image size, appropriate number of words per slide, good color scheme, Timing and pace of talk Right length and pace	Excellent,	Good	Satisfactory	Poor	Very Poor
01	----- Marks -----	1.0	1.0	0.5	0.5	0

Total for group assessment: _____ out of 12 marks;

Comments:

St. Xavier's College, Mumbai.

ASSESSMENT OF GROUP ORAL PRESENTATION -TYPE-II

Dept. of Botany; Course Code _____ Date _____

UIDNo _____ Roll No _____ Marks _____/20

Name of student: _____

Title of oral presentation: _____

Assessment Grid : Place one tick or circle appropriate mark in each appropriate row. Overall mark should reflect the positions of ticks/marks in the individual rows.

Presentation: 30 % (06 marks)

30%	PRESENTATION	80-100%	60-80%	40- 60%	20-40%	0-20%
15 %	Presentation skills Clear enunciation, varied rate of delivery, Changed pitch for emphasis, No distracting mannerisms, good eye contact, Confident body language, Connection with audience	Excellent	Good	Average	Poor	Very Poor
3.0	----- Marks -----	3.0	2.0	1.0	0.5	0.5 / 0
15 %	Ability to answer questions Clarity of thought and confidence	Excellent	Good	Satisfactory	Poor	Very Poor
3.0	----- Marks -----	3.0 / 2.0	2.0	1.0	1.0	0

Total marks for presentation: _____ out of 06 marks. Total for group assessment _____ out of 14 marks;

Comments:

Total marks for oral presentation: _____ out of 20

Name of the Faculty _____.

Signature of the Faculty _____

Group Assessment: 70% i.e. 14 marks

70%	CONTENT	80-100%	60-80%	40- 60%	20-40%	0-20%
30%	Knowledge and Understanding Impression of wide reading, presentation of facts/texts good knowledge understanding and critical assessment	Excellent	Good	Satisfactory	Poor	Very Poor
06	----- Marks -----	6.0 / 5.0	4.0	3.0	2.0 / 1.0	1.0 / 0
25%	(Content) Structure of Presentation Logical Structure, Clear Introduction, Body and Relevant Conclusion, sequence of information and ideas could be easily followed , Citation of source material Key Points/ Themes Identified Key Points and sustained Creation of Interest/ Audience Participation	Excellent	Good	Satisfactory	Poor	Very Poor
05	----- Marks -----	5.0 / 4.0	4.0 / 3.0	2.0	1.0	0
15%	Efforts to Aid Presentation Relevant visuals, good font/ image size, appropriate number of words per slide, good color scheme, Timing and pace of talk Right length and pace	Excellent,	Good	Satisfactory	Poor	Very Poor
03	----- Marks -----	3.0	3.0	2.0	1.0	0

Total for group assessment: _____ out of 14 marks;

Comments: