



Syllabus for BA / BMM / BMS 4th Semester Course in Botany (June 2020 onwards)

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 - CFC0401 – Garden Art
- Evaluation and Assessment guidelines.

S.Y.BA / S.Y.BMM / S.Y.BMS
Course Title: GARDEN ART

Course code: CFC0401GA

Learning Objectives:

1. To know the different methods of plant propagation.
2. To learn about different requirements for cultivation of plants (pots, watering, pest control).
3. To understand the types of gardens and landscaping techniques.
4. To make flower arrangements and grow potted plants.

Number of lectures: 45

Unit 1

(15 lectures)

Introduction to Garden Art

Introduction to plant parts and their function; soil and soil types; pots and method of potting; water requirement; fertilizers and manures; plant diseases, weeds, pests and their control.

Unit 2

(15 lectures)

Methods of plant propagation

Garden implements and accessories. Propagation of plants: Seeds, cutting, layering, grafting, budding and by division.

Unit 3

(15 lectures)

Landscaping and flower arrangement

Types of gardens. Garden designing. Introduction to different plants cultivated in garden: flowering trees, foliage trees, flowering shrubs, hedges, edges, climbers, creepers, cacti, succulents, herbs (annual and biennials), bulbous plants, orchids, and lawn. Flower arrangement and bonsai: Ikebana theory and practical, bonsai theory and practical, visit to gardens.

List of Recommended Reference Books

1. Acquaah J (2009), Horticulture – principles and practices, 4th edition, PHI learning Pvt. Ltd.
2. Rao Manibhushan K. (1991), Textbook of horticulture. MaC Millan India Ltd.
3. Gangulee H. C. and Kar A. K. (2004), College Botany Vol II, New Central Book Agency
4. Sharma V. K. (1999), Encyclopaedia of Practical Horticulture, Vol I –IV, Deep And Deep Publ. Pvt. Ltd.

Evaluation and Assessment: CFC0401GA course

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.

Template for CFC0401GA Course End Semester Examination in Semester 4

UNITS	KNOWLEDGE	UNDERSTANDING	APPLICATION and ANALYSES	TOTAL MARKS- Per unit
1	08	08	04	20
2	08	08	04	20
3	08	08	04	20
-TOTAL - Per objective	24	24	12	60
% WEIGHTAGE	40	40	20	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 %	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 %	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%	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%	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 _____.

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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 %	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 %	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%	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%	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 _____.

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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 _____.