

12th standard Bio-Botany Practical notes

2022-23

Name: _____
 Reg.No: _____
 Subject: _____
 Class: _____ Section: _____
 Date: _____ Batch: _____
 Session: _____ Time: _____

IDENTIFICATION		
Q.No.	Ex.No.	Content
I		Preparation and Demonstration of Slides
	A1	T.S. of Mature Anther
II		Fresh or preserved specimens/Models/Photographs/Charts
	B7	Pyramid of Human
III		Solving the Problems
	C5	Chromosomal Aberration - Deletion
IV		Experiments
	B2	Study of pH of different types of soil
V		Economic Importance of Plants
	B4	Henna Powder

Q.No.	Ex.No.	Content
I A		Preparation and Demonstration of Slides
	1. A1	T.S. of Anther Diagnostic Features
	2. A2	T.S. of an Angiosperm ovule
	3. A3	T.S. of Nervous Tissue
II B		Fresh or preserved specimens/Models/Photographs/Charts
	4. B1	Wind Pollinated Flowers - Anemophily
	B2	Insect Pollinated Flowers - Entomophily
	B3	Dicot seed
	B4	Leaf cloning vector (pBR 322)
	B5	Plant Tissue Culture - Callus with plantlets
	B6	Pyramid of Number
	B7	Pyramid of Biomass
	B8	Pyramid of Energy
III C		Solving the Problems
	9. C1	To verify the Mendel's Monohybrid Cross
	10. C2	Analysis of seed sample to study Mendelian Dihybrid Cross
	11. C3	Flow of energy and Ten percent law
	12. C4	Determination of Population density and Percentage frequency by Quadrat method
	13. C5	Chromosomal Aberration - Deletion
	C6	Chromosomal Aberration - Duplication
	C7	Chromosomal Aberration - Inversion
	14. C8	Genetic - linkage map
IV D		Experiments
	15. D1	Study of Pollen germination on a slide
	16. D2	Study of pH of different types of soil
	17. D3	Isolation of DNA from plant materials
V E		Economic Importance of Plants
	18. E1	Seeds of Unguiculy oil
	E2	Rubber
	E3	Flaked Rice or Arai
	E4	Henna Powder
	E5	Alar Gel

Standard 12 Botany Practical Manual

David Baud



Standard 12 Botany Practical Manual:

Standard 12 Botany Practical Manual: Bestsellers in 2023 The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous compelling novels enthraling the hearts of readers worldwide. Lets delve into the realm of bestselling books, exploring the fascinating narratives that have charmed audiences this year. The Must-Read : Colleen Hoover's "It Ends with Us" This poignant tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover expertly weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can triumph. Uncover the Best : Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This spellbinding historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids absorbing storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Standard 12 Botany Practical Manual : Delia Owens "Where the Crawdads Sing" This captivating coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens spins a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These bestselling novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of captivating stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a masterful and gripping novel that will keep you guessing until the very end. The novel is a warning tale about the dangers of obsession and the power of evil.

<https://kmsbrunchlive.gobrunch.com/files/Resources/default.aspx/Conflict%20Prevention%20From%20Rhetoric%20To%20Reality%20Vol%202%20Opportunities%20And%20Innovations.pdf>

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