

HARIBHAI.V.DESAI COLLEGE, PUNE-2

F.Y.B.Sc. Botany Paper: I PLANT LIFE AND UTILIZATION (Term II)

Teaching Plan 2020-21 (CHOICE BASED CREDIT SYSTEM 2019 PARRERN)

K. K. Bagdane

MONTH	PARTICULARS	Lect's.Allo.	Lect. Req.
CREDIT –I	15 LECTURES (15 HOURS)		
Jan. 2021 IVth WEEK (Last week)	1. INTRODUCTION: Introduction to Plant diversity-pteridophytes, Gymnosperms, Angiosperms with reference to vascular plants	3	3
Feb. 2021	2. PTERIDOPHYTES: General. Characters, Outline Classification according to Sporne (1976) upto classes with reasons. Life cycle of <i>Nephrolepis</i> w.r.t. Habit, Habitat, Distribution, Morphology, Anatomy of stem and leaf, Reproduction- Vegetative and sexual.	10	10
Feb. & (Mar. I & II Week) 2020	Utilization and economic importance of pteridophytes	2	2
CREDIT –I	15 LECTURES (15 HOURS)		
Mar. 2021	GYMNOSPERMS: General. characters. Classification according to Sporne (1976) upto classes with reasons, Life cycle of <i>Cycas</i> w.r.t. Habit, Habitat, Distribution, Morphology, Anatomy of stem and leaf and reproductive organs – Male cone, Microsporophyll, megaspore, structure of seed, Utilization and economic importance of Gymnosperms.	8	8
SEM I (Exam.)	1 st April to 20 th Apl. 2021	N.A.	N.A.
Apl. 2021 (IVth Week)	ANGIOSPERMS: General Characters, Outline classification of Bentham and Hookers system upto series, Comparative account of dicot and monocot.	4	4
May. 2021 (First Half)	Utilization and economic importance of Angiosperms In fodder, fibres, horticulture and medicines Revision	3	5
		30	32

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