for Conduct

2024

endame FYUGP ) one such

(5th Semester)

## BOTANY

(b) Mention the ( Major ) mortanes of the families Unemdacene, Camuneul sease,

Paper Code: BCC-10

## ( Plant Systematics )

Explain the different spears conclusis

Full Marks: 75 Pass Marks: 40%

(b) Write short mores on any hole of the ... Time: 3 hours grippoliol

The figures in the margin indicate full marks for the questions

1. (a) Write a note on plant systematics. Explain the systematic evidence from cytology. 71/2+71/2=15

4. (a) Write notes on the following: The TM-15

- (b) Write short notes on any two of the following described (III DEA)  $7\frac{1}{2} \times 2 = 15$
- (i) Virtual herbarium
  - (ii) Taxonomical keys
  - (iii) Monographs

754×2=15

	X	어머니 경기 아이들은 수 가게 하는 것이 사용하는 것이다.		
2.	(a)	Conduct a study of the family Asteraceae with emphasis on identification techniques using flora		
		references. 15		
		Or <sub>i Ca</sub>		
	(b)	Mention the economic importance of the families Orchidaceae, Ranunculaceae		
		and Brassicaceae.		
	, iv			
3.	(a)	Explain the different species concepts. 15		
		Or Mark Section		
	(b)	Write short notes on any two of the following: $7\frac{1}{2}\times2=1$		
		(i) Principles and rules of ICN		
4.		(ii) Principles of priority and its limitations		
	idos	(iii) Effective and valid publication		
	and View	A STATE OF THE STA		
	. (a)	Write notes on the following: 7½+7½=15		
	ath 	(i) Angiosperm phylogeny group (APG III) classification		
		(ii) Contribution of Hutchinson in system of classification		

Or

(b)	Write the classification of Bentham and		
	Hooker (up to family).	3	15

- 5. (a) Differentiate between the following:  $7\frac{1}{2} \times 2 = 15$ 
  - (i) Homology and analogy
  - (ii) Monophyly and Paraphyly

Or

(b) Explain the origin and evolution of Angiosperms.

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