(i) Prin	nted Pages : 4]	Roll No.
(ii) Qu	estions : 9]	Sub. Code : 0 2 5 4
	present in the upp	Exam. Code : 0 0 0 3
	Exa	neral) 3rd Semester amination
	muridven tissue. I	1127 (v)
		BOTANY
(Stru	Flower	ment and Reproduction in ring Plants-I)
		aper : Boiodo signilum (B)
Time:	3 Hours]	[Max. Marks: 3
Note :-	- (i) Attempt five	questions in all.
	(ii) Question No.	1 is compulsory. Attempt fou
	more question	ns, selecting one from each Unit.
	(iii) Draw diagram	ns wherever necessary.
1. (A)	Fill in the blanks	(d) Manggera
	(i) Plants which	h live only for few weeks are
	called	Manufacture (A)
	(ii) Stalk like str	ructure which attaches the ovule
	to placenta	is
NA-		(1) Turn Ove

	(iii)	
		regulate water loss is due to thin walled
		large cells present in the upper epidermis.
	(iv)	Rhizophora exhibit type of
(1)		roots.
	(v)	is the nutritive tissue for
		developing embryo in ovule.
divini	(vi)	Polygonum embryo sac is
		nucleate and celled. 6×1=6
(B)	Mult	tiple choice questions:
rks 36	(i)	Reticulate multicostate divergent venation
		is seen in :
		(a) Cucurbita
		(b) Smilax
		(c) Zizyphus
		(d) Mangifera
	(ii)	Corm is not seen in:
		(a) Crocus
		(b) Colocasia
	o sek	(c) Amorphophallus
		(d) Potato
NA-6	1	(2) 13-AM

	(iii)		of the follow	ing is bispo	ric embryo	
		sac?				
		(a) Polys				
		(b) Oeno				
		(c) Adox	a lamaka s			
	4./B	(d) Alliu		in Pithe Steet	5. Writeshotes	
	(iv)		orm appara	tus is presen	nt in :	
		(a) Syne	THE RESERVE			
		(b) Egg	cell			
		(c) Antip				
		(d) Centr	ral cell			
	(v)	Phyllode	represents	modified:		
		(a) Leaf	base		6. Write note	
	Pour	(b) Petio	le 194			
		(c) Lami	na		(u) Tapet	
		(d) Stem			(fii) T. S.	
	(vi)	Woody o	climber is:		7. odivernani	
		(a) Twin	er			
		(b) Creep	per			
		(c) Traile	er			
		(d) Liana	ns		6×1-6	5
			Unit-I			
2. Writ	e not	es on any	two of the	following	believe To	
(i)	Epip	hytic root	S			
(ii)	Prop	roots				
(iii)	Pneu	ımatophor	es		3,3	3
NA-6	1		(0)		NA. 41	
INA-0			(3)		Turn Over	

3.	Define tap root system. Give structural modifications	
	for storage in tap roots.	6
	Unit-II nogglo9 (a)	
4.	Define Phyllotaxy. Explain the different types with diagrams giving suitable examples.	6
5.	Write notes on any two of the following:	
	(i) Phylloclade	
	(ii) Bulb	
	(iii) Rhizome	
	(iv) Stem tuber	3,3
	Unit-III	
6.	Write notes on any two of the following:	
	(i) Functions of flower	
	(ii) Tapetum seem in snime I (5)	
	(iii) T. S. of anther	3,3
7.	Give an illustrated account of development of male	
	gametophyte in angiosperms.	6
	Unit-IV quant (d)	
8.	Define and describe double fertilization in an	
	angiospermic plant and give its significane.	6
9.	Describe with suitable illustrations the different forms	
	of ovules in angiosperms.	6

(ii) Prop roots willished trace (iii) Pucumatophones R