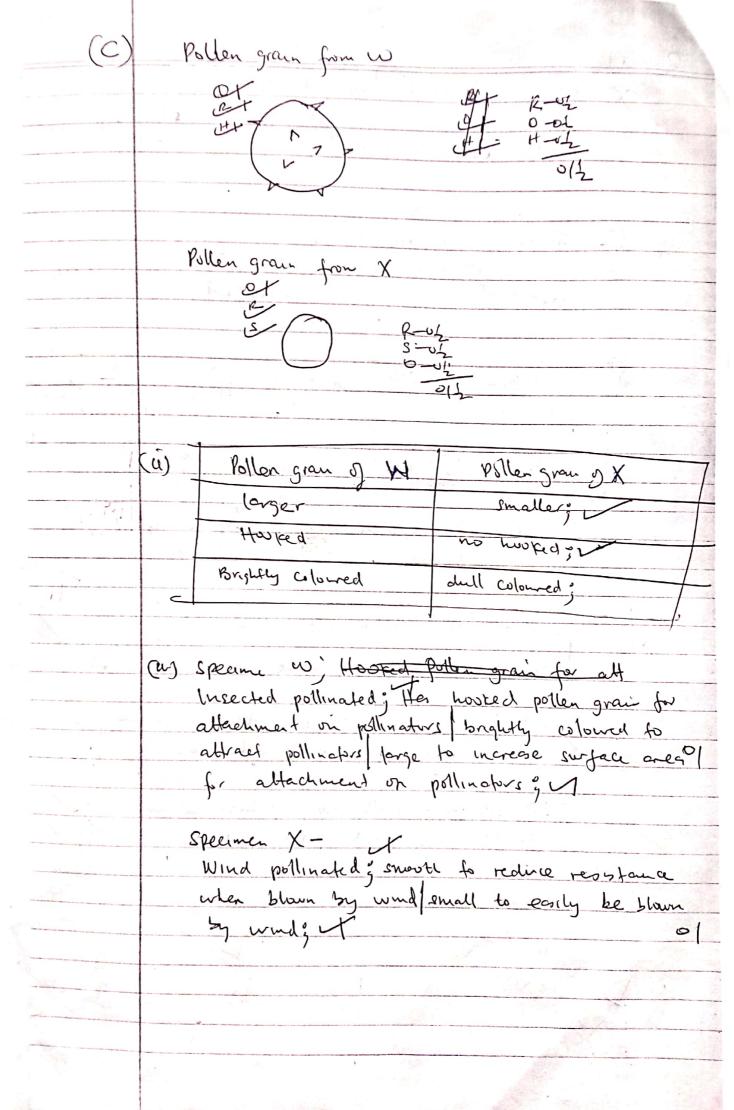
Drawing of structures in the thurax and first (d) three coments of the abdomen of specimes & with Gut cut out, dwich aut, deglated to suff and salvay gland to right ; L Jand Devis

2. (a) Toble 1 (FL-IL)					
	Test fur	e !	Final Congth (cm)	change in length	
	A		3.1,1	0.1.1	
	A		3.2.	0.2.1	
	B.		2.8.	-0.2:4	
	0			- /	
	B <sub>2</sub>		2.9;	-0.1:4	1
Fot 10 hours A acc value above 3 but Az 7 A 66					
B acc volve below 3 but B27B1.  (b)(i) & value in A, B are raine; Award one of them,					
	Test tu	se	Observations,	Beductions_	
1	Ŧ.	ξ 2	ew; bubles formed;	Slow decomposition	02
	9	n	cond; Eyternescence;	Papid; Leconsositus	02
	51 French -=		, dedrichen	et in sole to	
John John Later Chan 1  John John John John John John John John					
5 pm		1			
Kno	Test	extract	Observations	beductions	
13	10 1cm, of sexures Ald.	F	Turked/miley solution? 1 tems to black solution	much; sterch	
	add 2/3; Manpr of		inch were stone	presut)	
	lodine solutioning	9	Tursid/milky solution - tions to pale bown; solution	1sterch obsent,11	05
For Benedict  pest, observa  demy observa	To low of extrema	F	Tubid solution times to pale blue; Tolution	reducing sugar obsent; M	,
and de whom	and boils a	٩	Turked solution turn' to poly blue to green! sources yellow porty orange pp	Much in reducing Sugar present in	052
y conditions of stated wrongly granted	To lengthy extract Fla and I cars of of sodium	F	Tubid solution clear; then turns to purple; Studion		
3)	followed by 1/2: Marys	<b>G</b> .	Tursid solution clears	With professprea	/
	f copperation sulphale		Solution		
	Deny observation and declications (fci) no procedure 52.				

solution A Toble 4 Cylinde in Az is longer than that in An due higher sugar concentration in specimen Gg die to sproutings hence cylinde take in more water from the solution; by osmosis; tas solution A is hypotonic; solution B is hypertonic to cell sop of ayunder, solution B Cylinders; Cylinder in B, is shorter than Ita in By since le loss nure water to solution; since F ff hogs a higher water prentice than specimen Golf (il) More bubble observed in 9 than Firstince sprouting specimen 9 is nuce metaboli colly! active. Thence has a higher concentration of (catalose) enzymen than F; leading to 02 nume rapid break down of solution High (iii) Tasle 3. As spouring occurs in G, sterch is less than Is by book in down to reducing sugars ; puducing sugar increase that in f due to protein are less than in F since they are being used up in growth ;

3.(a) X - Has paired florets arranged afternately on penduncle; one with short stalk assessle; stalk assesile; another sessile no stalle; enclosed in bracks; t 02/2 Three florets; attached on inner upper surface of bract; along midrib, floret 1 022 Stalked, The fused with midriber Flora Par E mound 3 bilobed; Lorge; etong atel lorge; I pround ; bilubed; Small; Shilubed; small; biloked? Anthers 5; fuses; Five; fused; 5; lorge; free; Petals Small; harry hairy nong smooth; Veine d'smooth Bracks nongil MONS Smooth, thing 10/2 (a) Specimen with brack u) not no breefs -(9) Speamer well large auther head --(b) Specimen with small auther head -- 2 ) (9) Speamer with free petals (b) specines will fused petals De Orchart Cahar



Drawing of one half of showing postel; it 11-4:01