

Table 3.2: Grid for answering an essay question		
<i>(1) Discuss the processes of <u>exchange</u> of <u>O₂</u> and <u>CO₂</u> that occur at the <u>alveoli</u> and <u>muscle</u> cells of mammals. Include in your answer a description of the <u>transport</u> of these gases in the <u>blood</u>.</i>		
	Exchange	
	O ₂	CO ₂
alveoli		
muscle cells		
	Transport	
blood		

Table 3.3: Grid and notes for answering an essay question			
<i>(2) Discuss the <u>processes</u> of <u>cleavage</u>, <u>gastrulation</u>, and <u>neurulation</u> in the frog embryo; tell what each process <u>accomplishes</u>. Describe an <u>experiment</u> that illustrates the importance of induction in development.</i>			
	cleavage	gastrulation	neurulation
process	Rapid mitosis No cell growth Grey crescent	Cell migration Involution invagination	Folds form Neural folds fuse
accomplishment	Forms blastula Unequal distribution	3 tissue layers gut	Neural tube neurula
	Induction experiment		
description	Dorsal lip experiment		
illustration	Cells influence development of neighbors Induces differentiation Influences gene expression		