AP Biology 024 – Development: Timing and Coordination Video Review Sheet

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	Cellular Differentiation – will specific proteins Seed Germination: what two things does a seed need to germinate?
3.	Cell Differentiation/Iduction: a. Once a stem cell has become something specificit can never
	b. Tissue specific proteins: The DNA is, however the only DNA
	that is expressed is the DNA needed for that specific tissue. The rest is:
	c. Define cell differentiation:
	d. Stem cells can become
	e. What does the transcription factor do?
	f All of up are hore
	f. All of us are born
	g. SRY gene: What do the letters stand for and what does this gene do?
	h. Define induction:
	i. What did the transplantation experiment with the fish show?
4.	Cell Death: not only but cell death is important. a. What is apoptosis?
	b. What were the names of the three genes that caused cell death in Drosophila?
	c. Define microRNA and tell what it does:
	d. What did the microRNA regulate?
5.	Homeotic genes: a. In what organisms are they found in?
	b. Define what they do in a fruit fly:
	c. What is the important set of these genes called?
	d. Homeotic genes lay down the landscape of