Section B [32 marks]

Answer any two questions on the separate answer sheets provided.

Your answers should be illustrated by large, clearly labelled diagrams, where appropriate.

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9	(a)	Describe the regulation of blood glucose concentration in the human body	.[0]
	(b)	Explain the role of the kidney in osmoregulation.	[8]
10	(a)	Describe the formation of recombinant DNA.	[8]
	(b)	Discuss the potential hazards of gene technology with reference to crop plants.	[8]
11	(a)	Describe axidative phosphorylation and distinguish it from photophosphorylation.	[8]
12	(b)	Explain the effects of limiting factors on the rate of photosynthesis.	[8]
		Describe how flowering is induced in short-day plants.	[8]
	(a)		[8]
	(p)	Discuss the ethical issues raised by abortion.	