SECTION A

QUESTION 1

1.1	1.1.1	C~~		
	1.1.3	B√√		
	1.1.4	D		
	1.1.5	Ā~~	5 x 2)	(10)
1.2	1.2.1	Phenotype-		
	1.2.2	Cancer		
	1.2.3	Chromatids //daughter chromosomes		
	1.2.4 1.2.5	Gametogenesis Homologous //bivalent/tetrad/homologues		
	1.2.5	Replication <		
	1.2.7	Haemophilia ✓		(7)
	1.45.7	naemoprilia		1.57
1.3	1.3.1	B✓		
	1.3.2	G-		
	1.3.3	A~		
	1.3.4	F-		
	1.3.5	E<		(5)
1.4	1.4.1	(a) B✓		(1)
		(b) b		(1)
	10.00			Comp.
	1.4.2	1 2 8 (Mark first THREE only)		(3)
		(Mark first THREE only)		(5)
1.5	1.5.1	3/		(1)
	123223	170		
	1.5.2	ATG✓		(1)
	1.5.3	It determines the codes of for the sequence of amino acids		
		which determines the type of protein	max	(2)
	1.5.4	(a) AUG		(1)
		(b) - tRNA picks up specific amino acids		
		 its anticodon matches up with the codon of mRNA therefore the amino acids are arranged in a 		
		- therefore the amino acids are arranged in a particular sequence√		
		- to form particular polypeptides√/proteins		
		(If any examples of anticodons and codons are given.		
		consult the Senior Marker)	any	(3)
				(8)
				1000000

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DP Hallahan

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