Question 18 (5 marks)

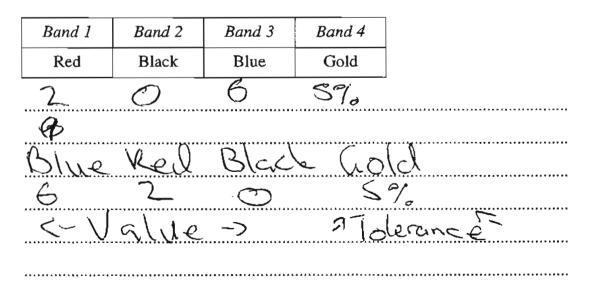
Colour	Value	Multiplying factor	Tolerance
Black	0	1	-
Brown	1	10	1%
Red	. 2	100	2%
Orange	3	1 000	_
Yellow	4	10 000	_
Green	5	100 000	0.5%
Blue	6	1 000 000	0.25%
Violet	7	-	0.1%
Ģrey	8	_	_
White	9	_	-
Gold	-	0.1	5%
Silver	-	0.01	10%

Resistor Colour Code Chart

(a) Use the Resistor Colour Code Chart to find the colour code of the resistor.

ValueToleranceBand 1Band 2Band 3Band 46801%AlueGreeBlackBrown

(b) Determine the maximum value of the following resistor, showing all working.



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