

**School of Information, Computer and Communication Technology**  
**Sirindhorn International Institute of Technology**  
**Thammasat University**

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**ECS204 Quiz 1 Sample**

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*Rules:* Closed book. Closed notes. No Calculator. Do not cheat. Do not panic.

1. Complete the table below with appropriate band colors or resistance values by ignoring the percent tolerance or the fourth band.

1 <sup>st</sup> band	2 <sup>nd</sup> band	3 <sup>rd</sup> band	Resistance Value
Orange	Orange	Brown	
			4.7 k $\Omega$
Brown	Black	Red	

2. Find  $V_1$  and  $V_2$  when  $V_S = 10$  V,  $R_1 = 3$  k $\Omega$  and  $R_2 = 2$  k $\Omega$ .

