

ELT-111 CIRCUIT ANALYSIS I
Series/Parallel Sample Test
ANSWER KEY

1. Kirchhoff's Voltage Law states that the algebraic sum of voltages in any loop equals zero.

2. The Current Law allows for calculation of circuit current without knowing the voltage.

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V1	6V	I1	222.22mA
V2	2.22V	I2	123.20mA
V3	3.78V	I3	80.42mA
V4	1.41V	I4	42.77mA
V5	2.39V	I5	42.77mA

15. T

16. T

17. F

18. F

19. T

20. b

21. a

22. F