PENNSYLVANIA SCIENCE OLYMPIAD 2006 STATE FINALS
CIRCUIT LAB C DIVISION

ANSWER SHEET

SECTION 1

/5 **1. SCHEMATIC DIAGRAM**

/18 **2. THEORETICAL QUANTITIES**

Resistor	Resistance Ω	Current A	Voltage V
R_1			
R_2			
R_3			
R_4			
R_5			
R_6			

/3 **3.**

/3 **4.**

/3 **5.**

/2 **6.**

/2 **7.**

/2 **8.**

/2 **9.**

/2 **10.**

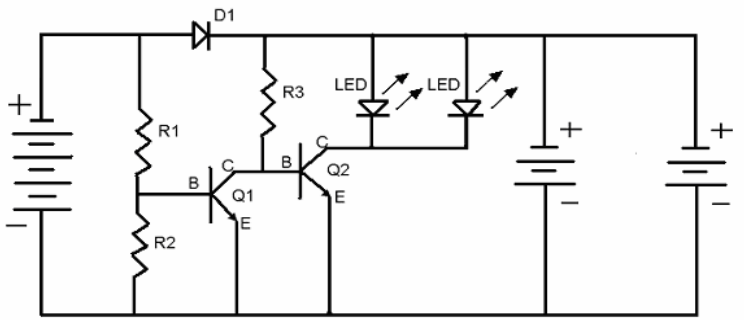
SCHOOL CODE

SCHOOL NAME

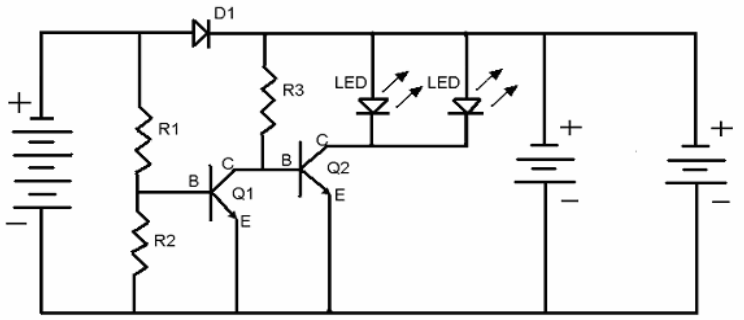
PARTICIPANTS

SECTION 2

/6 **1.**



/8 **2.**



/2 **3.**

/4 **4.**

/2 **5.**

PENNSYLVANIA SCIENCE OLYMPIAD 2006 STATE FINALS
CIRCUIT LAB C DIVISION

ANSWER SHEET

SECTION 3

/2 1.

/2 2.

/4 3.

/2 4.

/2 5.

/2 6.

/2 7.

/2 8.

/2 9.

/4 10.

+5 BONUS

SECTION 4

/2 1.

/2 2.

/2 3.

/2 4.

/2 5.

/2 6.

/2 7.

/2 8.

/2 9.

/2 10.

/2 11.

/2 12.

/2 13.

/18 14. - 19. THEORETICAL QUANTITIES

Resistor	Current	Voltage Drop
R_1		
R_2		
R_3		

/4 20.

/8 21. - 24. Voltmeter Resistances

Resistor	Resistance
R_1	
R_2	
R_3	
R_4	

/2 25.

/2 26.

/3 27.

/2 28.

/2 29.

/2 30.