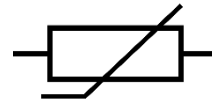
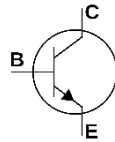
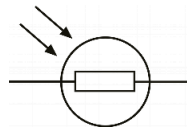
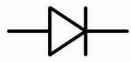


1. Name the following components (1 mark)



\_\_\_\_\_

2. Draw symbols for the following components (2 marks)

a) Resistor



b) Capacitor



c) LED



d) Potentiometer



3. Complete the table (1 mark)

Quantity	Symbol	Unit	Symbol
Resistance			
Capacitance			

4. Which of the following is not a type of capacitor? (Circle one – 1 mark)

**Electrolytic**                      **Pyrolytic**                      **Polyester**                      **Ceramic**

5. What is the resistance and tolerance for the following series of colour-bands? (2 marks)

a. Red, red, red, brown, gold \_\_\_\_\_

b. Orange, orange, black, yellow, brown \_\_\_\_\_

c. Blue, red, brown, gold \_\_\_\_\_

d. Green, black, black, gold, gold \_\_\_\_\_

6. What is the capacitance and tolerance of the following ceramic capacitor markings? (2 marks)

a. 224J \_\_\_\_\_

b. 371K \_\_\_\_\_

c. 22M \_\_\_\_\_

d. 102K \_\_\_\_\_

7. Label the following leads correctly (1 mark)

