

## **ECEN Academy**

### **Analog Electronics Set 3 Answers**

**Question 21: What is the  $V_{BE}$  voltage**

**Answer 1: .7 V**

**Question 22: What is the  $V_1$  Voltage**

**Answer 2: 4.3V**

**Question 23: What is the  $I_b$  Current**

**Answer 3: .43mA**

**Question 24: What is  $I_c$  Current**

**Answer 4: 4.3mA**

**Question 25: What is the  $V_c$  Voltage**

**Answer 5 : 4.3V**

**Question 26: What is the  $V_o$  Voltage**

**Answer 6: 5.7V**

**Question 27: What is the  $V_o$  Voltage**

**Answer 7 : 4.7V**

**Question 28: What is the  $V_o$  Voltage**

**Answer 8 : 1.4V**

**Question 29: What is the  $V_o$  Voltage**

**Answer 9 : 1.4V**

**Question 30: What is the  $V_o$  Voltage**

**Answer 10 : 0V**

