## Digital Test 1 Review

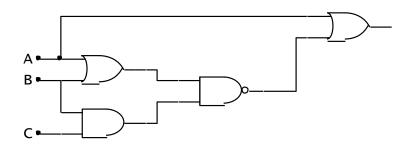
Convert the following to decimal.

Convert the following to the given base. Show work on sheet provided.

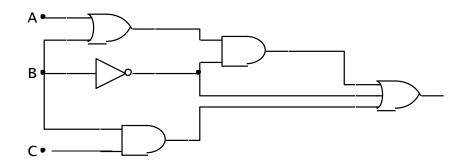
18) 
$$B3C_{16} =$$
\_\_\_\_\_\_

## Write the Boolean Expression at the output.

## 20)



## 21)



Draw the logic diagram.

24) 
$$\overline{\overline{A}D+C\overline{D}}+\overline{(B+\overline{D})}$$

**<u>Draw</u>** the logic diagram, **<u>and Construct</u>** a truth table.

25) 
$$A\overline{B} + \overline{A}C$$

Α	В	С				

26) A B + A C

Α	В	С				

Predict the output with the given inputs. Answer should be a 0 or 1