

## BEL Paper Technical - Electronics

**Paper Type** : Technical - Electronics

**Test Date** : 13 May 2007

**Test Location** : DELHI, lodhi estate

Hi friends, i had given BEL paper on may-13,2007

in which 150 ques u've to do...out of which 30 were of apti & 120 technical apti 9 (tough as compared to ISRO) question from analog electronics, digital electronics, network, F & W, signal, Control etc.....

1) in analog question based on zener diode

2) coupling capacitors and bypass capacitors affect

3) 1,8,27,64,125, .....,.....

which among the following will not come in the series

a.1000, b.729 c.259

4) which of the following game uses bulley

a.football b.cricket c.goalf. d.hockey

5) a zener diode works on the principle of

6) under the high electric field, in a semiconductor with increasing electric field

7) in an 8085 microprocessor system with memory mapped I/O

8) built-in potential in a p-n junction.

9) the breakdown voltage of a transistor with its base open is  $BV_{(ceo)}$  and that with emitter open  $BV_{(cbo)}$  then

10) ques based on half adder

11) based on flip flop

12) block diagram reduction

13) to find max overshoot (2 ques based on it)

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