**1.which of the following can be represented for decoder?**

**A) sequential circuit**

**B) combinational circuit**

**C) Logic Circuit**

**D) None of the above**

**Ans: B) combinational circuit**

**2. Decoder converts \_\_ inputs to \_\_\_ outputs.**

**A) 2^N , N**

**B) N, 2^N**

**C)N,2N**

**D)2N,N**

**Ans:B)N , 2^N**

**3. Which type/s of stuck at fault model exhibit/s the reduced complexity level of test generation?**

**A) Multiple**

**B) Single**

**C) Both A and B**

**D) None of the above**

**Ans: A) Multiple**

**4. Which of the following is the application of decoder ?**

**A) Converts anlog audio to digital form**

**B) Converts computer instructions to CPU control signal.**

**C) Both A and B**

**D) None of these**

**Ans: C) Both A and B**

**5. A 4 x 16 decoder can be constructed (with enable input) by :**

**A) With five 2 x 4 decoders(each with enable inputs) only**

**B) Using two 3 x 8 decoder(each with enable) only**

**C) Both A and B**

**(D) All of the above**

**Ans : A**