



NOVEMBER 27, 2012

WORKSHEET: ERROR

ERROR DETECTION

AHMAD
ELECTRICAL 7TH



KEY :

SQ: Short Question

LQ : Long Question

Questions

1. What do you mean by error while talking about data communication?
(S.Q)
2. What do you mean by Error Control techniques? Can you mention few and describe them. (LQ)
3. Define some methods for redundancy checks and explain them briefly (SQ)
4. Explain with help of example how , can single parity help to detect error (SQ)
5. Differentiate between Even and ODD Parity Check methods with example (SQ)
6. Define code word , and provide it formula . (SQ)
7. Muhamad Ahmad has designed a technique in which he transmits bits in 0 or 1 , by adding 5 same bits next to transmitted data . What is the data rate of above code (SQ)
8. Provide formula for code efficiency (SQ)
9. Explain disadvantages of coding (SQ)
10. Provide relation between probability and redundancy (SQ)
11. If ABC is represented by 5 bits of data , where A=0000, Provide one bit and 2 d parity check for following
 - i. AHMAD
 - ii. SCET
 - iii. ELECTRCIAL

