1. For each of the following concepts, research the internet for information on the topic and provide a 1/2 page to one page brief essay explaining: (a) what the concept means, (b) how is it realized mathematically, and (c) what are its practical benefits. Identify the source(s) for your information.
    i.   Blind signatures
    ii. Identity-based encryption
    iii. Threshold cryptography
    iv. Key escrow
    v.   Side channel analysis

    Guideline: Your answer should clearly explain the concept along the three aspects identified above to any of your classmates who did not undertake this exercise themselves.