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| 1. **Differentiate between a block cipher and a stream cipher?**  |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |

**2. Distinguish between active and passive security attacks. Give some examples of both types of attacks.**

**3.**

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| **Describe a brute-force search and why its use as cryptographic relevance?** |

**4.**

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| **Differentiate between Direct and Arbitrated digital signatures?** |