**Hope Foundation’s,**

**FINOLEX ACADEMY OF MANAGEMENT AND TECHNOLOGY, RATNAGIRI**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

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| --- | --- | --- | --- | --- |
| **Subject:** | **CRYPTOGRAPHY AND NETWORK SECURITY** | | | |
| **Class:** | **TE IT / Semester – V (CBCGS) / Academic year: 2018-19** | | | |
| **Name of Student:** | **Kazi Jawwad A Rahim** | | | |
| **Roll No:** | **32** | | **Date of performance(DOP) :** |  |
| **Theory Assignment No.** | | **01** | **Date of checking(DOC) :** |  |
| **Marks:** | | **/20** | **Teacher’s Signature:** |  |

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|  | **Attempt all the questions** | **Module** |
|  | Compare Symmetric cipher model with Asymmetric cipher model. | M1 |
|  | Compare HMAC with CMAC. | M3 |
|  | Define Knapsack with superincreasing sequence. | M2 |
|  | Explain Key Management using Diffie Hellman algorithm. | M2 |
|  | Write a short note on X.509 Digital certificates. | M3 |
|  | Describe in brief SHA algorithm. | M3 |
|  | Write a short note on Steganography. | M1 |
|  | Compare String cipher with Block cipher | M1 |
|  | Explain the uses of PKI. | M3 |
|  | Define MAC value. | M3 |