**FUNCTIONAL POINT ANALYSIS**

* No of User Inputs – 12

Weighing Factor – 3

* No of User Outputs – 14

Weighing Factor – 5

* No of User Enquiries - 15

Weighing Factor – 3

* No of User Files – 4

Weighing Factor – 10

* No of User Interfaces – 5

Weighing Factor – 7

**UFP** = (12\*3) +(14\*5) + (15\*3) + (4\*10) + (5\*7)

= 36 + 70 + 45 + 40 + 35

= 226

In addition to above the system requires-

* Significant and reliable Recovery and Backup (4)
* Average Data Communication Techniques (3)
* Significant Critical Performance (2)
* Average Distributed Processing Functions (3)
* Average Line Data Entry (3)
* Essential Line Data Entry on Input Transactions over multiple Screens or Operations (5)
* Significant Master Files Updated Online (4)
* Significant Input/output Files (4)
* Incidental Internal Processing Complex (1)
* Average Reusable Code (3)
* Significant Conversion and Installation included in the design (4)
* Incidental System Design for multiple installations in different organizations (1)
* Significant changes to be made according to user requirements (4)
* Average System Run in an existing heavily utilized Operational Environment (3)

**CAF** = 0.65+(0.01\*45)

=1.1

**FP=UFP\*CAF**

= 226\*1.1

= 248.6