

**Annexure-I**

<b>S.No</b>	<b>Mainframe Introduction</b>	<b>Day</b>
01	Introduction to Mainframe Environment	Day 1
	VS COBOL II (7 days)	
02	Introduction - COBOL	Day1
03	Identification and Environment Division	Day1
04	Data Division (Data movement, Editing, COMP fields)	Day1
05	Procedure Division	Day 2
06	Arithmetic verbs	Day 2
07	All Types of PERFORM verbs	Day 3
08	Array handling ( up to 3 dimensions )	Day3
09	Control Break Logic (Single and Multi level)	Day4
10	Additional verbs STRING, UNSTRING, INSPECT, EVALUATE, EXAMINE, SEARCH, SEARCH ALL	Day4
11	File Handling (SEQUENTIAL)	Day 5
12	File Handling (INDEXED FILE)	Day 5
13	File Handling (Relative file)	Day 5
14	COPY/CALL	Day 6
15	STATIC and DYNAMIC linkage (Subroutines)	Day 6
16	SORT/MERGE	Day 7
17	Compile, Link Edit and Execution, TEST and Practical	Day 7
	<b>MVS (2 days)</b>	
18	MVS concepts, AMODE, RMODE	Day 8
19	MVS Architecture (ESA / XA )	Day 8
20	File management and Processing	Day 8
21	SMS, JES1, JES2	Day 8
22	TSO/ISPF Menu details	Day 9
23	TSO/ISPF Commands	Day 9
24	RACF, SMF, SDSF	Day 9
	JCL (4 days)	
25	Introduction to JCL	Day 10
26	JOB Statement and parameters (cover COND)	Day 10
27	EXEC Statement and parameters	Day 10
28	Common parameters to JOB and EXEC (Cover COND)	Day 11
29	DD statement and parameters	Day 11
30	Additional DD statements (SYSDUMP,SYABEND)	Day 11
31	Procedures(catalogue / in stream) and Symbolic parameters	Day 12
32	IBM Utilities	Day 12
33	GDG ( Creation, Modify, Delete ), TEST and Practical	Day 13
	<b>VSAM (2 days)</b>	
34	Overview of VSAM	Day 14
35	KSDS,ESDS,RRDS details	Day 14
36	Creation of clusters with parameters /loading ,copying	Day 14
37	AMS commands (Access Method Servicing) -	Day 14,15
38	Alternate INDEX, PATH,BLDINDEX	Day 15

39	Additional VSAM Commands	Day 15
40	VSAM utilities and defining in CICS region (OPEN,CLOSE,ENA,DIS) features & TEST & Practical	Day 15
	<b>DB2 (8days)</b>	
41	Introduction of RDBMS, Types of Databases	16
42	DB2 Terminologies	16
43	Types of Integrity	16
44	Database Architecture	16
45	Objects of DB2 and Operators	16,17
46	Date/Time/Timestamp operations	17
47	Components of DB2	17
48	SQL Types (DCL, DML,DDL)	17,18
49	Operators and Functions	18
50	Aggregate Functions	18
51	JOIN (All types of Joins)	18
52	VIEW/ALIAS/SYNONYM	19
53	Union	19
54	Static & Dynamic SQLs	19
55	Practical Approach (Pre compile, BIND,PLAN, Package)	20
56	CURSORS	21
57	Embedded SQL (COMMIT, ROLLBACK, ISOLATION LEVEL)	21
58	Storage Structures (Table spaces, Stored Tables, Index spaces, Indexes, Storage Groups)	21
59	DB2 Utilities (Load, Unload, Copy, Runstat)	22
60	SPUFI and QMF	22
61	Standard SQL codes and rectification	22
62	COBOL/DB2 Programming and Execution	23
	<b>CICS (7 days)</b>	
63	Introduction to CICS and Pseudo Conversation Technique	24
64	Exception Handling	24
65	BMS Concepts	25
66	File Control	25
67	Program Control	26
68	Terminal Control	26
69	Developing CICS Applications	27
70	Programming Technique	27
71	TSQ & TDQ	28
72	Interval and Task Control	28
73	CICS Application Region	28