Задание 1

```
MEM STORAGE 8
ZEXP FUNCTION RN1,C12
0,0/.2,.22/.4,.51/.5,.69/.6,.92/.7,1.2/.8,1.61
.9,2.3/.95,3/.99,4.6/.999,6.9/1,100

GENERATE 2,FN$ZEXP,,500
TEST L Q$A11,5,POTERI
QUEUE A11
ENTER MEM,1
DEPART A11

MET6 QUEUE A2
TRANSFER BOTH,MET1,MET2

MET1 SEIZE CPU1
DEPART A2
ADVANCE 5,FN$ZEXP
RELEASE CPU1
TRANSFER ,MET3

MET2 SEIZE CPU2
DEPART A2
ADVANCE 1,FN$ZEXP
RELEASE CPU2

MET3 TRANSFER .6,MET5,MET4

MET4 QUEUE A3
SEIZE DISK
DEPART A3
ADVANCE 5,3
RELEASE DISK
TRANSFER ,MET6

MET5 LEAVE MEM,1
TRANSFER ,VIXOD

POTERI TERMINATE
VIXOD TERMINATE
GENERATE 300
TERMINATE 1
START 500
```

Untitled Model 1

```
MEM STORAGE 8
ZEXP FUNCTION RN1,C12
0,0/.2,.22/.4,.51/.5,.69/.6,.92/.7,1.2/.8,1.61
.9,2.3/.95,3/.99,4.6/.999,6.9/1,100

GENERATE 2,FN$ZEXP,,500
TEST L Q$A11,5,POTERI
QUEUE A11
ENTER MEM,1
DEPART A11

MET6 QUEUE A2
TRANSFER BOTH,MET1,MET2

MET1 SEIZE CPU1
DEPART A2
ADVANCE 5,FN$ZEXP
RELEASE CPU1
TRANSFER ,MET3

MET2 SEIZE CPU2
DEPART A2
ADVANCE 1,FN$ZEXP
RELEASE CPU2

MET3 TRANSFER .6,MET5,MET4

MET4 QUEUE A3
SEIZE DISK
DEPART A3
ADVANCE 5,3
RELEASE DISK
TRANSFER ,MET6

MET5 LEAVE MEM,1
TRANSFER ,VIXOD
```

Untitled Model 1.3.1 - REPORT

START TIME	END TIME	BLOCKS	FACILITIES	STORAGES
0.000	150000.000	29	3	1

NAME	VALUE
A11	10002.000
A2	10003.000
A3	10006.000
CPU1	10004.000
CPU2	10005.000
DISK	10007.000
MEM	10000.000
MET1	8.000
MET2	13.000
MET3	17.000
MET4	18.000
MET5	24.000
MET6	6.000
POTERI	26.000
VIXOD	27.000
ZEXP	10001.000

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT COUNT	RETRY
	1	GENERATE	500	0	0
	2	TEST	500	0	0
	3	QUEUE	174	0	0
	4	ENTER	174	0	0
	5	DEPART	174	0	0
MET6	6	QUEUE	422	0	0
	7	TRANSFER	422	0	0
MET1	8	SEIZE	197	0	0
	9	DEPART	197	0	0
	10	ADVANCE	197	0	0
	11	RELEASE	197	0	0
	12	TRANSFER	197	0	0
	11	RELEASE	197	0	0
	12	TRANSFER	197	0	0
MET2	13	SEIZE	225	0	0
	14	DEPART	225	0	0
	15	ADVANCE	225	0	0
	16	RELEASE	225	0	0
MET3	17	TRANSFER	422	0	0
MET4	18	QUEUE	248	0	0
	19	SEIZE	248	0	0
	20	DEPART	248	0	0
	21	ADVANCE	248	0	0
	22	RELEASE	248	0	0
	23	TRANSFER	248	0	0
MET5	24	LEAVE	174	0	0
	25	TRANSFER	174	0	0
POTERI	26	TERMINATE	326	0	0
VIXOD	27	TERMINATE	174	0	0
	28	GENERATE	500	0	0
	29	TERMINATE	500	0	0

FACILITY	ENTRIES	UTIL.	AVE. TIME	AVAIL.	OWNER	PEND	INTER	RETRY	DELAY
CPU1	197	0.006	4.880	1	0	0	0	0	0
CPU2	225	0.001	0.976	1	0	0	0	0	0
DISK	248	0.009	5.154	1	0	0	0	0	0

QUEUE	MAX	CONT.	ENTRY	ENTRY(0)	AVE.CONT.	AVE.TIME	AVE.(-0)	RETRY
A11	5	0	174	36	0.029	24.909	31.408	0
A2	2	0	422	402	0.000	0.023	0.479	0
A3	7	0	248	16	0.044	26.352	28.170	0

STORAGE	CAP.	REM.	MIN.	MAX.	ENTRIES	AVL.	AVE.C.	UTIL.	RETRY	DELAY
MEM	8	8	0	8	174	1	0.060	0.008	0	0

```
QUEUE              MAX CONT. ENTRY ENTRY(0) AVE.CONT. AVE.TIME   AVE.(-0) RETRY
 A11                 5    0    174      36     0.029     24.909     31.408   0
 A2                  2    0    422     402     0.000      0.023      0.479   0
 A3                  7    0    248      16     0.044     26.352     28.170   0


STORAGE            CAP. REM. MIN. MAX.  ENTRIES AVL.  AVE.C. UTIL. RETRY DELAY
 MEM                 8    8    0     8       174   1    0.060  0.008    0    0


FEC XN   PRI         BDT      ASSEM  CURRENT  NEXT  PARAMETER    VALUE
  1001    0      150300.000   1001      0     28
```

Задание 2

```
ZEXP FUNCTION RN1,C12
0,0/.2,.22/.4,.51/.5,.69/.6,.92/.7,1.2/.8,1.61
.9,2.3/.95,3/.99,4.6/.999,6.9/1,500
GENERATE 2,FN$ZEXP
TRANSFER .2,MET2,MET1

MET2 TRANSFER .25,MET4,MET3
MET4 TRANSFER .333,MET6,MET5
MET6 TRANSFER .5,MET8,MET7

MET1 TEST L Q$OCH1,5,OUT
QUEUE OCH1
SEIZE DISK1
DEPART OCH1
ASSIGN 1,DISK1
ADVANCE 25,25
RELEASE DISK1
TRANSFER ,MET9

MET3 TEST L Q$OCH2,5,OUT
QUEUE OCH2
SEIZE DISK2
DEPART OCH2
ASSIGN 1,DISK2
ADVANCE 25,25
RELEASE DISK2
TRANSFER ,MET9

MET5 TEST L Q$OCH3,5,OUT
QUEUE OCH3
SEIZE DISK3
DEPART OCH3
ASSIGN 1,DISK3
```

```
ADVANCE 25,25
RELEASE DISK3
TRANSFER ,MET9

MET7 TEST L Q$OCH4,5,OUT
QUEUE OCH4
SEIZE DISK4
DEPART OCH4
ASSIGN 1,DISK4
ADVANCE 25,25
RELEASE DISK4
TRANSFER ,MET9

MET8 TEST L Q$OCH5,5,OUT
QUEUE OCH5
SEIZE DISK5
DEPART OCH5
ASSIGN 1,DISK5
ADVANCE 25,25
RELEASE DISK5
TRANSFER ,MET9

MET9 TEST L Q$OCH6,5,OUT
QUEUE OCH6
SEIZE CAN
DEPART OCH6
ADVANCE 1
RELEASE CAN
RELEASE P1
TERMINATE
OUT TERMINATE

GENERATE 150000
TERMINATE 1
START 1
```

GPWSS.gps

```
ZEXP FUNCTION RN1,C12
0,0/.2,.22/.4,.51/.5,.69/.6,.92/.7,1.2/.8,1.61
.9,2.3/.95,3/.99,4.6/.999,6.9/1,500
GENERATE 6,FN$ZEXP
TRANSFER .2,MET2,MET1
MET2 TRANSFER .25,MET4,MET3
MET4 TRANSFER .333,MET6,MET5
MET6 TRANSFER .5,MET8,MET7

MET1 TEST L Q$OCH1,5,OUT
QUEUE OCH1
SEIZE DISK1
DEPART OCH1
ASSIGN 1,DISK1
ADVANCE 25,25
TRANSFER ,MET9

MET3 TEST L Q$OCH2,5,OUT
QUEUE OCH2
SEIZE DISK2
DEPART OCH2
ASSIGN 1,DISK2
ADVANCE 25,25
TRANSFER ,MET9

MET5 TEST L Q$OCH3,5,OUT
QUEUE OCH3
SEIZE DISK3
DEPART OCH3
ASSIGN 1,DISK3
ADVANCE 25,25
TRANSFER ,MET9

MET7 TEST L Q$OCH4,5,OUT
QUEUE OCH4
SEIZE DISK4
DEPART OCH4
ASSIGN 1,DISK4
ADVANCE 25,25
TRANSFER ,MET9

MET8 TEST L Q$OCH5,5,OUT
QUEUE OCH5
SEIZE DISK5
DEPART OCH5
ASSIGN 1,DISK5
ADVANCE 25,25
TRANSFER ,MET9
```

GPWSS.8.1 - REPORT

START TIME	END TIME	BLOCKS	FACILITIES	STORAGES
0.000	150000.000	50	6	0

NAME	VALUE
CAN	10006.000
DISK1	10012.000
DISK2	10004.000
DISK3	10010.000
DISK4	10002.000
DISK5	10008.000
MET1	6.000
MET2	3.000
MET3	13.000
MET4	4.000
MET5	20.000
MET6	5.000
MET7	27.000
MET8	34.000
MET9	41.000
OCH1	10011.000
OCH2	10003.000
OCH3	10009.000
OCH4	10001.000
OCH5	10007.000
OCH6	10005.000
OUT	48.000
ZEXP	10000.000

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT COUNT	RETRY
	1	GENERATE	19829	0	0
	2	TRANSFER	19829	0	0
MET2	3	TRANSFER	15904	0	0
MET4	4	TRANSFER	11894	0	0
MET6	5	TRANSFER	8001	0	0
MET1	6	TEST	3925	0	0
	7	QUEUE	3697	2	0
	8	SEIZE	3695	0	0
	9	DEPART	3695	0	0
	10	ASSIGN	3695	0	0
	11	ADVANCE	3695	1	0
	12	TRANSFER	3694	0	0
MET3	13	TEST	4010	0	0
	14	QUEUE	3767	4	0
	15	SEIZE	3763	0	0
	16	DEPART	3763	0	0
	17	ASSIGN	3763	0	0
	18	ADVANCE	3763	1	0
	19	TRANSFER	3762	0	0
MET5	20	TEST	3893	0	0
	21	QUEUE	3707	3	0
	22	SEIZE	3704	0	0
	23	DEPART	3704	0	0
	24	ASSIGN	3704	0	0
	25	ADVANCE	3704	1	0
	26	TRANSFER	3703	0	0
MET7	27	TEST	3990	0	0
	28	QUEUE	3776	0	0
	29	SEIZE	3776	0	0
	30	DEPART	3776	0	0
	31	ASSIGN	3776	0	0
	32	ADVANCE	3776	0	0
	33	TRANSFER	3776	0	0
MET8	34	TEST	4011	0	0
	35	QUEUE	3765	2	0
	36	SEIZE	3763	0	0
	37	DEPART	3763	0	0
	38	ASSIGN	3763	0	0
	39	ADVANCE	3763	1	0
	40	TRANSFER	3762	0	0
MET9	41	QUEUE	18697	0	0
	42	SEIZE	18697	0	0
	43	DEPART	18697	0	0
	44	ADVANCE	18697	0	0
	45	RELEASE	18697	0	0
	46	RELEASE	18697	0	0
	47	TERMINATE	18697	0	0
OUT	48	TERMINATE	1117	0	0
	49	GENERATE	1	0	0
	50	TERMINATE	1	0	0

FACILITY	ENTRIES	UTIL.	AVE. TIME	AVAIL.	OWNER	PEND	INTER	RETRY	DELAY
DISK4	3776	0.670	26.603	1	0	0	0	0	0
DISK2	3763	0.682	27.177	1	19798	0	0	0	4
CAN	18697	0.212	1.700	1	0	0	0	0	0
DISK5	3763	0.679	27.047	1	19814	0	0	0	2
DISK3	3704	0.664	26.900	1	19825	0	0	0	3
DISK1	3695	0.667	27.057	1	19818	0	0	0	2

QUEUE	MAX	CONT.	ENTRY	ENTRY(0)	AVE.CONT.	AVE.TIME	AVE.(-0)	RETRY
OCH4	5	0	3776	676	1.267	50.311	61.282	0
OCH2	5	4	3767	636	1.273	50.706	61.006	0
OCH6	3	0	18697	14758	0.026	0.212	1.008	0
OCH5	5	2	3765	712	1.329	52.937	65.283	0
OCH3	5	3	3707	759	1.160	46.949	59.036	0
OCH1	5	2	3697	732	1.231	49.963	62.298	0

FEC XN	PRI	BDT	ASSEM	CURRENT	NEXT	PARAMETER	VALUE
19825	0	150001.363	19825	25	26	1	10010.000
19831	0	150003.063	19831	0	1		
19798	0	150007.054	19798	18	19	1	10004.000
19814	0	150007.494	19814	39	40	1	10008.000
19818	0	150020.841	19818	11	12	1	10012.000
19832	0	300000.000	19832	0	49		