Вариант 4

Задание 1.1

K2 STORAGE 2

K4 STORAGE 3

K5 STORAGE 4

GENERATE 5,3

TRANSFER .5,KK1,KK2

KK1 QUEUE QU1

SEIZE K1

DEPART QU1

ADVANCE 20,4

RELEASE K1

TRANSFER ,OUT1

KK2 QUEUE QU2

ENTER K2

DEPART QU2

ADVANCE 35,8

LEAVE K2

OUT1 TRANSFER .5,KK3,KK4

KK3 QUEUE QU3

SEIZE K3

DEPART QU3

ADVANCE 35,8

RELEASE K3

TRANSFER ,OUT2

KK4 QUEUE QU4

ENTER K4

DEPART QU4

ADVANCE 15,5

LEAVE K4

OUT2 QUEUE QU5

ENTER K5

DEPART QU5

ADVANCE 15,6

LEAVE K5

OUT3 TERMINATE 1

START 500

START TIME END TIME BLOCKS FACILITIES STORAGES

0.000 6301.501 31 2 3

NAME VALUE

K1 10005.000

K2 10000.000

K3 10007.000

K4 10001.000

K5 10002.000

KK1 3.000

KK2 9.000

KK3 15.000

KK4 21.000

OUT1 14.000

OUT2 26.000

OUT3 31.000

QU1 10004.000

QU2 10003.000

QU3 10006.000

QU4 10008.000

QU5 10009.000

LABEL LOC BLOCK TYPE ENTRY COUNT CURRENT COUNT RETRY

1 GENERATE 1260 0 0

2 TRANSFER 1260 0 0

KK1 3 QUEUE 649 334 0

4 SEIZE 315 0 0

5 DEPART 315 0 0

6 ADVANCE 315 1 0

7 RELEASE 314 0 0

8 TRANSFER 314 0 0

KK2 9 QUEUE 611 247 0

10 ENTER 364 0 0

11 DEPART 364 0 0

12 ADVANCE 364 2 0

13 LEAVE 362 0 0

OUT1 14 TRANSFER 676 0 0

KK3 15 QUEUE 352 174 0

16 SEIZE 178 0 0

17 DEPART 178 0 0

18 ADVANCE 178 1 0

19 RELEASE 177 0 0

20 TRANSFER 177 0 0

KK4 21 QUEUE 324 0 0

22 ENTER 324 0 0

23 DEPART 324 0 0

24 ADVANCE 324 1 0

25 LEAVE 323 0 0

OUT2 26 QUEUE 500 0 0

27 ENTER 500 0 0

28 DEPART 500 0 0

29 ADVANCE 500 0 0

30 LEAVE 500 0 0

OUT3 31 TERMINATE 500 0 0

FACILITY ENTRIES UTIL. AVE. TIME AVAIL. OWNER PEND INTER RETRY DELAY

K1 315 0.998 19.961 1 600 0 0 0 334

K3 178 0.994 35.184 1 391 0 0 0 174

QUEUE MAX CONT. ENTRY ENTRY(0) AVE.CONT. AVE.TIME AVE.(-0) RETRY

QU2 248 247 611 2 114.824 1184.225 1188.115 0

QU1 334 334 649 1 173.466 1684.275 1686.874 0

QU3 174 174 352 2 87.973 1574.892 1583.892 0

QU4 1 0 324 324 0.000 0.000 0.000 0

QU5 1 0 500 499 0.001 0.007 3.309 0

STORAGE CAP. REM. MIN. MAX. ENTRIES AVL. AVE.C. UTIL. RETRY DELAY

K2 2 0 0 2 364 1 1.995 0.997 0 247

K4 3 2 0 3 324 1 0.761 0.254 0 0

K5 4 4 0 4 500 1 1.172 0.293 0 0

FEC XN PRI BDT ASSEM CURRENT NEXT PARAMETER VALUE

1261 0 6304.923 1261 0 1

598 0 6306.264 598 24 25

600 0 6315.568 600 6 7

767 0 6317.549 767 12 13

768 0 6326.938 768 12 13

391 0 6332.523 391 18 19

Задание 1.2

K2 STORAGE 2

K4 STORAGE 3

K5 STORAGE 4

GENERATE 5,3

TRANSFER .5,KK1,KK2

KK1 QUEUE QU1

SEIZE K1

DEPART QU1

ADVANCE 20,4

RELEASE K1

TRANSFER ,OUT1

KK2 QUEUE QU2

ENTER K2

DEPART QU2

ADVANCE 35,8

LEAVE K2

OUT1 TRANSFER .5,KK3,KK4

KK3 QUEUE QU3

SEIZE K3

DEPART QU3

ADVANCE 35,8

RELEASE K3

TRANSFER ,OUT2

KK4 QUEUE QU4

ENTER K4

DEPART QU4

ADVANCE 15,5

LEAVE K4

OUT2 QUEUE QU5

ENTER K5

DEPART QU5

ADVANCE 15,6

LEAVE K5

OUT3 TERMINATE

GENERATE 480

TERMINATE 1

START 1

START TIME END TIME BLOCKS FACILITIES STORAGES

0.000 480.000 33 2 3

NAME VALUE

K1 10005.000

K2 10000.000

K3 10007.000

K4 10001.000

K5 10002.000

KK1 3.000

KK2 9.000

KK3 15.000

KK4 21.000

OUT1 14.000

OUT2 26.000

OUT3 31.000

QU1 10004.000

QU2 10003.000

QU3 10006.000

QU4 10008.000

QU5 10009.000

LABEL LOC BLOCK TYPE ENTRY COUNT CURRENT COUNT RETRY

1 GENERATE 96 0 0

2 TRANSFER 96 0 0

KK1 3 QUEUE 55 32 0

4 SEIZE 23 0 0

5 DEPART 23 0 0

6 ADVANCE 23 1 0

7 RELEASE 22 0 0

8 TRANSFER 22 0 0

KK2 9 QUEUE 41 13 0

10 ENTER 28 0 0

11 DEPART 28 0 0

12 ADVANCE 28 2 0

13 LEAVE 26 0 0

OUT1 14 TRANSFER 48 0 0

KK3 15 QUEUE 21 8 0

16 SEIZE 13 0 0

17 DEPART 13 0 0

18 ADVANCE 13 1 0

19 RELEASE 12 0 0

20 TRANSFER 12 0 0

KK4 21 QUEUE 27 0 0

22 ENTER 27 0 0

23 DEPART 27 0 0

24 ADVANCE 27 1 0

25 LEAVE 26 0 0

OUT2 26 QUEUE 38 0 0

27 ENTER 38 0 0

28 DEPART 38 0 0

29 ADVANCE 38 2 0

30 LEAVE 36 0 0

OUT3 31 TERMINATE 36 0 0

32 GENERATE 1 0 0

33 TERMINATE 1 0 0

FACILITY ENTRIES UTIL. AVE. TIME AVAIL. OWNER PEND INTER RETRY DELAY

K1 23 0.971 20.273 1 44 0 0 0 32

K3 13 0.919 33.940 1 27 0 0 0 8

QUEUE MAX CONT. ENTRY ENTRY(0) AVE.CONT. AVE.TIME AVE.(-0) RETRY

QU2 14 13 41 2 8.039 94.115 98.941 0

QU1 32 32 55 1 15.600 136.148 138.669 0

QU3 10 8 21 2 3.718 84.979 93.924 0

QU4 1 0 27 27 0.000 0.000 0.000 0

QU5 1 0 38 38 0.000 0.000 0.000 0

STORAGE CAP. REM. MIN. MAX. ENTRIES AVL. AVE.C. UTIL. RETRY DELAY

K2 2 0 0 2 28 1 1.933 0.966 0 13

K4 3 2 0 3 27 1 0.796 0.265 0 0

K5 4 2 0 4 38 1 1.100 0.275 0 0

FEC XN PRI BDT ASSEM CURRENT NEXT PARAMETER VALUE

55 0 480.164 55 29 30

98 0 482.812 98 0 1

44 0 484.212 44 6 7

56 0 487.653 56 24 25

43 0 492.170 43 29 30

57 0 493.435 57 12 13

27 0 501.561 27 18 19

59 0 504.658 59 12 13

99 0 960.000 99 0 32

Задание 2

K2 STORAGE 2

K4 STORAGE 3

K5 STORAGE 4

GENERATE 5,3

TRANSFER .5,KK1,KK2

KK1 TEST L Q$QU1,5,COUNTER

QUEUE QU1

SEIZE K1

DEPART QU1

ADVANCE 20,4

RELEASE K1

TRANSFER ,OUT1

KK2 TEST L Q$QU2,5,COUNTER

QUEUE QU2

ENTER K2

DEPART QU2

ADVANCE 35,8

LEAVE K2

OUT1 TRANSFER .5,KK3,KK4

KK3 TEST L Q$QU3,5,COUNTER

QUEUE QU3

SEIZE K3

DEPART QU3

ADVANCE 15,5

RELEASE K3

TRANSFER ,OUT2

KK4 TEST L Q$QU4,5,COUNTER

QUEUE QU4

ENTER K4

DEPART QU4

ADVANCE 15,6

LEAVE K4

OUT2 TEST L Q$QU5,5,COUNTER

QUEUE QU5

ENTER K5

DEPART QU5

ADVANCE 15,6

LEAVE K5

OUT3 TERMINATE

GENERATE 720

TERMINATE 1

START 3

COUNTER TERMINATE

START TIME END TIME BLOCKS FACILITIES STORAGES

0.000 2160.000 39 2 3

NAME VALUE

COUNTER 39.000

K1 10005.000

K2 10000.000

K3 10007.000

K4 10001.000

K5 10002.000

KK1 3.000

KK2 10.000

KK3 17.000

KK4 24.000

OUT1 16.000

OUT2 30.000

OUT3 36.000

QU1 10004.000

QU2 10003.000

QU3 10006.000

QU4 10008.000

QU5 10009.000

LABEL LOC BLOCK TYPE ENTRY COUNT CURRENT COUNT RETRY

1 GENERATE 432 0 0

2 TRANSFER 432 0 0

KK1 3 TEST 218 0 0

4 QUEUE 112 4 0

5 SEIZE 108 0 0

6 DEPART 108 0 0

7 ADVANCE 108 1 0

8 RELEASE 107 0 0

9 TRANSFER 107 0 0

KK2 10 TEST 214 0 0

11 QUEUE 129 4 0

12 ENTER 125 0 0

13 DEPART 125 0 0

14 ADVANCE 125 2 0

15 LEAVE 123 0 0

OUT1 16 TRANSFER 230 0 0

KK3 17 TEST 125 0 0

18 QUEUE 125 3 0

19 SEIZE 122 0 0

20 DEPART 122 0 0

21 ADVANCE 122 1 0

22 RELEASE 121 0 0

23 TRANSFER 121 0 0

KK4 24 TEST 105 0 0

25 QUEUE 105 0 0

26 ENTER 105 0 0

27 DEPART 105 0 0

28 ADVANCE 105 0 0

29 LEAVE 105 0 0

OUT2 30 TEST 226 0 0

31 QUEUE 226 0 0

32 ENTER 226 0 0

33 DEPART 226 0 0

34 ADVANCE 226 1 0

35 LEAVE 225 0 0

OUT3 36 TERMINATE 225 0 0

37 GENERATE 3 0 0

38 TERMINATE 3 0 0

COUNTER 39 TERMINATE 191 0 0

FACILITY ENTRIES UTIL. AVE. TIME AVAIL. OWNER PEND INTER RETRY DELAY

K1 108 0.994 19.873 1 416 0 0 0 4

K3 122 0.832 14.738 1 406 0 0 0 3

QUEUE MAX CONT. ENTRY ENTRY(0) AVE.CONT. AVE.TIME AVE.(-0) RETRY

QU2 5 4 129 2 4.357 72.955 74.104 0

QU1 5 4 112 1 4.486 86.513 87.293 0

QU3 5 3 125 29 0.951 16.442 21.408 0

QU4 1 0 105 105 0.000 0.000 0.000 0

QU5 1 0 226 226 0.000 0.000 0.000 0

STORAGE CAP. REM. MIN. MAX. ENTRIES AVL. AVE.C. UTIL. RETRY DELAY

K2 2 0 0 2 125 1 1.985 0.993 0 4

K4 3 3 0 3 105 1 0.743 0.248 0 0

K5 4 3 0 4 226 1 1.545 0.386 0 0

FEC XN PRI BDT ASSEM CURRENT NEXT PARAMETER VALUE

416 0 2160.603 416 7 8

406 0 2161.351 406 21 22

436 0 2161.622 436 0 1

410 0 2167.960 410 34 35

418 0 2180.997 418 14 15

420 0 2198.518 420 14 15

437 0 2880.000 437 0 37