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 8,6,,500

TEST L Q$A11,5,SCHET

QUEUE A11

ENTER MEM,1

DEPART A11

MET6 QUEUE A2

TRANSFER BOTH,MET1,MET2

MET1 SEIZE CPU1

DEPART A2

ADVANCE 4,FN$ZEXP

RELEASE CPU1

TRANSFER ,MET3

MET2 SEIZE CPU2

DEPART A2

ADVANCE 2,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

TERMINATE 1

START 500

SCHET TERMINATE 1

Отчет

GPSS World Simulation Report - PRZ5\_1.10.1

Thursday, March 30, 2023 13:48:06

START TIME END TIME BLOCKS FACILITIES STORAGES

0.000 4082.461 26 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

SCHET 26.000

ZEXP 10001.000

LABEL LOC BLOCK TYPE ENTRY COUNT CURRENT COUNT RETRY

1 GENERATE 500 0 0

2 TEST 500 0 0

3 QUEUE 489 0 0

4 ENTER 489 0 0

5 DEPART 489 0 0

MET6 6 QUEUE 1243 0 0

7 TRANSFER 1243 0 0

MET1 8 SEIZE 705 0 0

9 DEPART 705 0 0

10 ADVANCE 705 0 0

11 RELEASE 705 0 0

12 TRANSFER 705 0 0

MET2 13 SEIZE 538 0 0

14 DEPART 538 0 0

15 ADVANCE 538 0 0

16 RELEASE 538 0 0

MET3 17 TRANSFER 1243 0 0

MET4 18 QUEUE 754 0 0

19 SEIZE 754 0 0

20 DEPART 754 0 0

21 ADVANCE 754 0 0

22 RELEASE 754 0 0

23 TRANSFER 754 0 0

MET5 24 LEAVE 489 0 0

25 TERMINATE 489 0 0

SCHET 26 TERMINATE 11 0 0

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

CPU1 705 0.635 3.679 1 0 0 0 0 0

CPU2 538 0.262 1.986 1 0 0 0 0 0

DISK 754 0.924 5.002 1 0 0 0 0 0

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

A11 5 0 489 339 0.784 6.544 21.333 0

A2 3 0 1243 1119 0.043 0.140 1.403 0

A3 7 0 754 51 3.467 18.774 20.136 0

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

MEM 8 8 0 8 489 1 5.331 0.666 0 0

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/.999,6.9/1,100

GENERATE 6,FN$ZEXP

TRANSFER .2,POINT1\_TR,POINT1\_TD

POINT1\_TR TRANSFER .25,POINT2\_TR,POINT2\_TD

POINT2\_TR TRANSFER .333,POINT3\_TR,POINT3\_TD

POINT3\_TR TRANSFER .5,POINT4\_TD,POINT5\_TD

POINT1\_TD TEST L Q$A11,5,SCHET

QUEUE A11

SEIZE DISK1

DEPART A11

ASSIGN 1,DISK1

ADVANCE 25,25

TRANSFER ,OUT

POINT2\_TD TEST L Q$A2,5,SCHET

QUEUE A2

SEIZE DISK2

DEPART A2

ASSIGN 1,DISK2

ADVANCE 25,25

TRANSFER ,OUT

POINT3\_TD TEST L Q$A3,5,SCHET

QUEUE A3

SEIZE DISK3

DEPART A3

ASSIGN 1,DISK3

ADVANCE 25,25

TRANSFER ,OUT

POINT4\_TD TEST L Q$A4,5,SCHET

QUEUE A4

SEIZE DISK4

DEPART A4

ASSIGN 1,DISK4

ADVANCE 25,25

TRANSFER ,OUT

POINT5\_TD TEST L Q$A5,5,SCHET

QUEUE A5

SEIZE DISK5

DEPART A5

ASSIGN 1,DISK5

ADVANCE 25,25

OUT QUEUE A6

SEIZE CAN

DEPART A6

ADVANCE 1.7

RELEASE CAN

RELEASE P1

TERMINATE

GENERATE 150000

TERMINATE 1

START 1

SCHET TERMINATE

Отчет

GPSS World Simulation Report - Untitled Model 1.8.1

Thursday, March 30, 2023 14:50:20

START TIME END TIME BLOCKS FACILITIES STORAGES

0.000 150000.000 49 6 0

NAME VALUE

A11 10011.000

A2 10003.000

A3 10009.000

A4 10007.000

A5 10001.000

A6 10005.000

CAN 10006.000

DISK1 10012.000

DISK2 10004.000

DISK3 10010.000

DISK4 10008.000

DISK5 10002.000

OUT 40.000

POINT1\_TD 6.000

POINT1\_TR 3.000

POINT2\_TD 13.000

POINT2\_TR 4.000

POINT3\_TD 20.000

POINT3\_TR 5.000

POINT4\_TD 27.000

POINT5\_TD 34.000

SCHET 49.000

ZEXP 10000.000

LABEL LOC BLOCK TYPE ENTRY COUNT CURRENT COUNT RETRY

1 GENERATE 23055 0 0

2 TRANSFER 23055 0 0

POINT1\_TR 3 TRANSFER 18534 0 0

POINT2\_TR 4 TRANSFER 13879 0 0

POINT3\_TR 5 TRANSFER 9346 0 0

POINT1\_TD 6 TEST 4521 0 0

7 QUEUE 4278 0 0

8 SEIZE 4278 0 0

9 DEPART 4278 0 0

10 ASSIGN 4278 0 0

11 ADVANCE 4278 1 0

12 TRANSFER 4277 0 0

POINT2\_TD 13 TEST 4655 0 0

14 QUEUE 4390 3 0

15 SEIZE 4387 0 0

16 DEPART 4387 0 0

17 ASSIGN 4387 0 0

18 ADVANCE 4387 1 0

19 TRANSFER 4386 0 0

POINT3\_TD 20 TEST 4533 0 0

21 QUEUE 4295 0 0

22 SEIZE 4295 0 0

23 DEPART 4295 0 0

24 ASSIGN 4295 0 0

25 ADVANCE 4295 0 0

26 TRANSFER 4295 0 0

POINT4\_TD 27 TEST 4662 0 0

28 QUEUE 4423 0 0

29 SEIZE 4423 0 0

30 DEPART 4423 0 0

31 ASSIGN 4423 0 0

32 ADVANCE 4423 1 0

33 TRANSFER 4422 0 0

POINT5\_TD 34 TEST 4684 0 0

35 QUEUE 4393 0 0

36 SEIZE 4393 0 0

37 DEPART 4393 0 0

38 ASSIGN 4393 0 0

39 ADVANCE 4393 1 0

OUT 40 QUEUE 21772 0 0

41 SEIZE 21772 0 0

42 DEPART 21772 0 0

43 ADVANCE 21772 0 0

44 RELEASE 21772 0 0

45 RELEASE 21772 0 0

46 TERMINATE 21772 0 0

47 GENERATE 1 0 0

48 TERMINATE 1 0 0

SCHET 49 TERMINATE 1276 0 0

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

DISK5 4393 0.787 26.886 1 23054 0 0 0 0

DISK2 4387 0.792 27.073 1 23049 0 0 0 3

CAN 21772 0.247 1.700 1 0 0 0 0 0

DISK4 4423 0.785 26.636 1 23056 0 0 0 0

DISK3 4295 0.773 27.000 1 0 0 0 0 0

DISK1 4278 0.769 26.963 1 23053 0 0 0 0

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

A5 5 0 4393 797 1.522 51.966 63.484 0

A2 5 3 4390 790 1.478 50.491 61.572 0

A6 3 0 21772 17228 0.031 0.213 1.022 0

A4 5 0 4423 855 1.469 49.811 61.747 0

A3 5 0 4295 894 1.396 48.768 61.587 0

A11 5 0 4278 933 1.336 46.829 59.891 0

FEC XN PRI BDT ASSEM CURRENT NEXT PARAMETER VALUE

23057 0 150004.746 23057 0 1

23056 0 150005.982 23056 32 33 1 10008.000

23049 0 150030.063 23049 18 19 1 10004.000

23053 0 150030.231 23053 11 12 1 10012.000

23054 0 150042.946 23054 39 40 1 10002.000

23058 0 300000.000 23058 0 47