

Queue Analysis (Multistation Service Facility) (QAM)

Contents

1.1 Assumptions Goto A10

2.1 Solutions Goto A30

3.1 Instructions Goto A41

---

Assumptions

---

Average Number of Arrivals per Hour:

Average Service Capacity per Hour:

Number of Service Stations:

---

Solutions

---

Idle Time Percentage:

Utilization Percentage:

Average Service Time:

Expected Number in Queue:

Average Wait in Queue:

---

Instructions

---

1) Enter Assumptions Goto A10

2) Recalculate by typing F-9

3) Save by typing {alt-s}

4) Print by typing {alt-p}

Copyright (c) 1984  
Astrix Computer System

-----	
Sheet 1.1	
-----	
	75
	30
	3

Sheet 2.1	
-----	
	4.49%
	95.51%
	2.00 minutes
	4
	3 minutes

Sheet 3.1	
-----	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25

1	2.5
2	3.125
6	0
24	0
120	0
720	0
5040	0
40320	0
362880	0
3628800	0
39916800	0
479001600	0
6227020800	0
87178291200	0
1307674368000	0
20922789888000	0
355687428096000	0
6402373705728000	0
1.21645100408832E+017	0
2.43290200817664E+018	0
5.10909421717094E+019	0
1.12400072777761E+021	0
2.5852016738885E+022	0
6.20448401733239E+023	0
1.5511210043331E+025	0
	5.625

## Sheet1

```
\0 {goto}a1~  
/fccemaclib~  
/rnlraa10..aa2048~  
{goto}ai1~/wcs8~  
{goto}aj1~/wcs1~  
{home}  
  
\s /xfqam~page~r
```