CSCI 3150 Introduction to Operating Systems
Assignment Three Solution & Marking Scheme

1. 100 marks

   There are total 33 rows in this assignment (marked as red in the answer), and each for 3 points, the total marks are 100. If one blank of one row is wrong, we will assume that the student cannot get the score for the whole row.

   Scheduling result table:

	Time-slot	Process ID	Arrival Time	Remaining Time
(1)	10-20	53	10	120
(2)	20-30	165	10	115
(3)	30-40	53	10	110
(4)	40-50	165	10	105
(5)	50-60	53	10	100
(6)	60-70	165	10	95
(7)	70-120	53	10	50
(8)	120-130	472	80	118
(9)	130-140	305	90	80
(10)	140-150	472	80	108
(11)	150-160	305	90	70
(12)	160-170	472	80	98
(13)	170-180	305	90	60
(14)	180-190	235	175	75
(15)	190-200	235	175	65
(16)	200-210	235	175	55
(17)	210-260	165	10	45
(18)	260-310	53	10	0
(19)	310-360	472	80	48

(20)	360-400	305	90	20
(21)	400-410	472	80	38
(22)	410-420	305	90	10
(23)	420-430	235	175	45
(24)	430-440	165	10	35
(25)	440-450	472	80	28
(26)	450-460	305	90	0
(27)	460-470	235	175	35
(28)	470-480	165	10	25
(29)	480-490	366	445	70
(30)	490-500	472	80	18
(31)	500-510	235	175	25
(32)	510-520	165	10	15
(33)	520-530	366	445	60
(34)	530-540	366	445	50
(35)	540-558	472	80	0
(36)	558-583	235	175	0
(37)	583-598	165	10	0
(38)	598-648	366	445	0