

Time E3 Mark Scheme		
1(a)	1 min	[1]
1(b)	3 min	[1]
1(c)	1 hr	[1]
1(d)	4 hr	[1]
1(e)	5 min	[1]
1(f)	60 min	[1]
1(g)	1 day	[1]
1(h)	3 days	[1]
1(i)	120 min	[1]
1(j)	7 days	[1]
2(a)	1 week	[1]
2(b)	8 weeks	[1]
2(c)	1 year	[1]
2(d)	14 days	[1]
2(e)	36 months	[1]
2(f)	240 min	[1]
2(g)	1680 s	[1]
2(h)	1 hr	[1]
2(i)	2 weeks	[1]
2(j)	504 hours	[1]

3(a)	03: 45	[1]
3(b)	15: 45	[1]
3(c)	11: 15	[1]
3(d)	20: 20	[1]
3(e)	16: 45	[1]
3(f)	05: 25	[1]
3(g)	12: 40	[1]
3(h)	00: 10	[1]
3(i)	14: 30	[1]
3(j)	21: 50	[1]
4(a)	3: 25 pm	[1]
4(b)	6: 40 pm	[1]
4(c)	9: 45 am	[1]
4(d)	8: 20 am	[1]
4(e)	12: 05 am	[1]
4(f)	11: 55 pm	[1]
4(g)	3: 30 am	[1]
4(h)	10: 45 am	[1]
4(i)	4: 10 pm	[1]
4(j)	5: 35 pm	[1]
5(a)	9: 00 pm	[1]
5(b)	11: 45 am	[1]
5(c)	4: 00 am	[1]
5(d)	3: 40 pm	[1]
5(e)	12: 55 am	[1]
6(a)	4: 00	[1]
6(b)	6: 20	[1]
6(c)	10: 30	[1]
6(d)	9: 35	[1]

7(a)	05:20 – 05:00 (= 20 min)	[1]
	20 min	[1]
7(b)	12:15 – 11:25 (= 50 min)	[1]
	50 min	[1]
7(c)	12:15 – 05:30 (= 6 hr 45 min)	[1]
	6 hr 45 min	[1]
7(d)	13:30 – 05:00 (8 hr 30 min)	[1]
	8 hr 30 min	[1]
8(a)	09:00 am + 1 hr 15 min (= 10:15 am)	[1]
	10:15 am	[1]
8(b)	10:15 am + 20 min (= 10:35 am)	[1] Allow ecf from part (a)
	10:35 am	[1] Allow ecf from part (a)
8(c)	10:35 am + 2 hr 30 min (= 1:05 pm)	[1] Allow ecf from part (b)
	1:05 pm	[1] Allow ecf from part (b)
8(d)	1:05 pm + 1 hr (= 2:05 pm)	[1] Allow ecf from part (c)
	2:05 pm	[1] Allow ecf from part (c)
8(e)	2:05 pm + 2 hr (= 4:05 pm)	[1] Allow ecf from part (d)
	4:05 pm + 30 min (= 4:35 pm)	[1] Allow ecf from part (d)
	4:35 pm	[1] Allow ecf from part (d)
9(a)	0912 – 0901 (= 11 min)	[1] Accept 0923 – 0912 or 0934 – 0923 or 0945 – 0934 or 0956 – 0945
	Every 11 minutes	[1]
9(b)	0916 – 0904 (= 12 min)	[1]
	12 minutes	[1]
9(c)	Get off at Bank at 0946	[1]
	0936	[1]
9(d)	0946 + 5 min (= 0951)	[1]
	No	[1]

10(a)	11:00 – 09:00 (= 2 hr)	[1] Accept 13:15 – 11:15 or 16:30 – 14:30
	2 hr	[1]
10(b)	14:30 – 11:00 (= 3 hr 30 min)	[1]
	3 hr 30 min	[1]
10(c)	11:15 – 11:00 (= 15 min)	[1]
	No	[1]
10(d)	Recall each session is 2 hr	[1]
	$2 \times 5 = 10$ hr	[1]
11(a)	Wednesday 5 th January 2022	[1]
11(b)	Thursday 20 th January 2022	[1] Allow ecf from part (a)
11(c)	59 + 99 (= 158), 59 + 94 (= 153), 49 + 99 (= 148), 74 + 94 (= 168)	[1] Allow ecf from part (b)
	Cheapest pair is 20 th and 22 nd	[1] Allow ecf from part (b)
	Yes	[1] Allow ecf from part (b)
11(d)	50% of 49 (= 24.5) or £24.50 back on first train	[1] Allow ecf from part (c)
	£99 back on second train	[1] Allow ecf from part (c)
	$99 + 24.5 = £123.50$	[1] Allow ecf from part (c)