Time & Timetables: Hard Practice Paper 1 Answers

Q#	Answer	Explanation
1	D	The journey starts when she leaves home at 08:47 and ends at 10:58. From 08:47 to 10:58 is 2 hours 11 minutes.
2	D	There are two waits. At the station from 09:02 to 09:12 is 10 minutes, and at Crewe from 10:05 to 10:25 is 20 minutes. Altogether that is 10 + 20 = 30 minutes.
3	B	The walk takes 15 minutes, the train to Crewe takes 53 minutes and the train to Chester takes 33 minutes. The longest is the train to Crewe.
4	A	London time on landing is 8 hours after 14:20, which is 22:20. New York is 5 hours behind, so take 5 hours off: 22:20 − 5 hours = 17:20.
5	D	An hour is 60 × 60 = 3600 seconds. Dividing by the time for one part gives 3600 ÷ 45 = 80 parts.
6	B	From 09:00 to 13:00 is 4 hours, so the clock loses 4 × 3 = 12 minutes. It will show 12 minutes before 13:00, which is 12:48.
7	C	From the 1st to the 30th is 29 days. Since 29 = 28 + 1 and 28 days is exactly 4 weeks, the 30th is one day after a Monday, which is a Tuesday.
8	C	The driving takes 5 hours 20 minutes and the break adds 45 minutes, making 6 hours 5 minutes in total. From 07:50 to 13:55 is 6 hours 5 minutes.
9	B	From 06:00 to 09:00 is 180 minutes, and 180 ÷ 24 = 7 remainder 12. So there are 7 gaps of 24 minutes fitting in, giving 7 + 1 = 8 trains, the last at 08:48.
10	C	From 21:45 to 06:15 is 8 hours 30 minutes: 2 hours 15 minutes take you to midnight, then 6 hours 15 minutes more reach 06:15.
11	B	The three parts add up to 12 + 28 + 6 = 46 minutes. Counting 46 minutes back from 16:00 lands on 15:14, and from 15:14 to 16:00 is 46 minutes.

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12	E	Three showings take 3 × 125 = 375 minutes, and the two gaps add 2 × 20 = 40 minutes, making 415 minutes in total. That is 6 hours 55 minutes, and from 12:30 to 19:25 is 6 hours 55 minutes.
13	C	The meetings are on the 3rd, then 10 days later on the 13th, then 10 days after that on the 23rd. The third meeting is the 23rd.
14	C	They flash together after a number of seconds that divides by both 12 and 18. The smallest such number is 36, so they next flash together 36 seconds later.
15	B	From 08:30 to 17:00 is 8 hours 30 minutes. Taking off the 50 minute break leaves 8 hours 30 minutes − 50 minutes = 7 hours 40 minutes.

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