Time & Timetables: Medium Practice Paper 6 Answers

Q#	Answer	Explanation
1	B	Add each length to its start time: A ends at 16:05, B at 16:20, C at 16:30 and D at 16:25. The latest is film C, even though it is not the last to start.
2	C	A third of the day is 24 ÷ 3 = 8 hours, and the sleeping sector takes up a third of the circle.
3	E	A full turn of 360° is shared between 12 hour marks, so each mark is 360 ÷ 12 = 30 degrees apart. At three o'clock the hands are 3 marks apart, which is 3 × 30 = 90 degrees, a right angle.
4	C	He cannot catch the 09:35 bus because his train arrives after it has gone. The next one leaves at 10:05 and reaches Carn at 10:30.
5	D	Count to midnight first, which is 45 minutes, then on to 02:40, which is 2 hours 40 minutes more. From 23:15 to 02:40 is 3 hours and 25 minutes.
6	A	After midday the 24-hour clock keeps counting past 12, so 8 pm is 12 + 8 = 20 hundred hours. The minutes are unchanged, giving 20:45.
7	D	Count on from sunrise to 16:42 would be 9 hours, which is too far, so count to 16:28 instead. From 07:42 to 16:28 is 8 hours and 46 minutes.
8	A	The seconds add to 48 + 5 = 53, which is under a minute, so no extra minute is carried. The minutes add to 1 + 2 = 3, giving 3 minutes 53 seconds.
9	B	Reading the bars and adding gives 45 + 30 + 60 + 25 + 20 = 180 minutes. Since 180 ÷ 60 = 3, that is 3 hours.
10	A	From 09:00 to 17:30 is 8 hours and 30 minutes, and five such days give 42 hours 30 minutes. Saturday adds 4 hours, making 46 hours 30 minutes altogether.
11	E	Three kilograms need 25 × 3 = 75 minutes, and the extra 20 makes 75 + 20 = 95 minutes. Since 95 minutes is 60 + 35, that is 1 hour 35 minutes.

myfreeschool

12	E	The first Monday after 16 October is the 20th, and Mondays then fall on 27 October and 3 November. The next Monday, 10 November, is the second one in November.
13	B	An hour is 60 minutes, so the fraction is 35/60. Dividing both numbers by 5 gives 7/12.
14	C	The four times add to 35 + 42 + 28 + 55 = 160 minutes. Sharing that between the four journeys gives 160 ÷ 4 = 40 minutes.
15	D	The 13:50 bus has already gone, so she waits for the 14:25. From 14:10 to 14:25 is 15 minutes.

myfreeschool