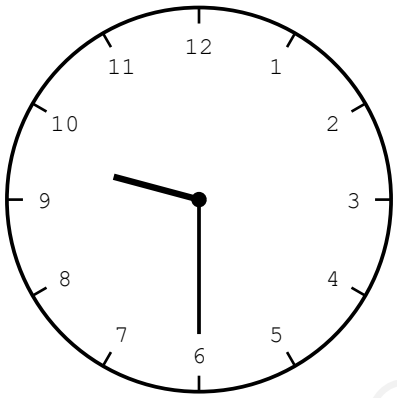
Time & Timetables: Hard Practice Paper 8

Q1. What is the angle between the hands of a clock at half past nine?



A. 105° *B.* 90° *C.* 120° *D.* 115° *E.* 75°

Q2. Using the timetable, a traveller must reach Kew after 11:00 but before 12:30. Which service should she take?

Service	Leaves Hale	Arrives Kew
A	08:35	10:40
B	09:20	11:25
C	10:45	12:40
D	11:30	13:35

A. Service D

B. Service A

C. Service C

D. Service B

E. None of them

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Q3. What is the date 60 days after 12 November?

A. 9 January

B. 10 January

C. 12 January

D. 11 February

E. 11 January

Q4. The table shows the local time in four cities when it is 12:00 in London. What is the local time in Tokyo when it is 09:00 in London?

City	Local time
London	12:00
New York	07:00
Dubai	16:00
Tokyo	21:00

A. 15:00 *B.* 21:00 *C.* 18:00 *D.* 04:00 *E.* 12:00

Q5. A wheel turns 45 times every minute. How many complete turns does it make in 1 hour 20 minutes?

A. 2,700 *B.* 3,600 *C.* 3,000 *D.* 4,500 *E.* 900

Q6. On a pie chart of a 24 hour day, the sleeping sector is 120° and the school sector is 105°. How many more hours are spent sleeping than at school?

A. 3 hours

B. 2 hours

C. 15 hours

D. 30 minutes

E. 1 hour

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Q7. The mean of five journey times is 52 minutes. Four of them are 45, 60, 48 and 50 minutes. How long is the fifth?

A. 50 minutes

B. 52 minutes

C. 55 minutes

D. 60 minutes

E. 57 minutes

Q8. A nurse works from 19:00 to 07:30 the next morning, with one 45 minute break and two 15 minute breaks. How long does she actually work?

A. 12 hours 30 minutes

B. 11 hours 30 minutes

C. 10 hours 45 minutes

D. 11 hours 15 minutes

E. 11 hours

Q9. One bus leaves every 20 minutes starting at 06:10, and another leaves every 30 minutes starting at 06:00. At what time do they first leave together?

A. 07:00 *B.* 06:30 *C.* 06:50 *D.* 07:30 *E.* 06:40

Q10. How long is it from 17:35 on Friday to 09:20 on Sunday?

A. 39 hours 15 minutes

B. 40 hours 15 minutes

C. 39 hours 45 minutes

D. 38 hours 45 minutes

E. 41 hours 45 minutes

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Q11. An exam lasts 2 hours. Priya spends 25% of the time on Section A. How long is that?

A. 20 minutes

B. 25 minutes

C. 45 minutes

D. 30 minutes

E. 50 minutes

Q12. A journey lasting 4 hours 30 minutes is two thirds complete. How much time is left?

A. 2 hours 15 minutes

B. 3 hours

C. 1 hour 30 minutes

D. 1 hour 45 minutes

E. 2 hours

Q13. In a leap year, 1 January is a Monday. What day of the week is 1 March?

A. Friday *B.* Thursday *C.* Saturday *D.* Wednesday *E.* Monday

Q14. A relay team's four runners take 3 minutes 45 seconds, 4 minutes 15 seconds, 3 minutes 50 seconds and 4 minutes 10 seconds. The race starts at 14:20. At what time does the team finish?

A. 14:35 *B.* 14:36 *C.* 14:38 *D.* 14:34 *E.* 14:40

Q15. A lesson is due to run from 10:50 to 12:05. It starts 8 minutes late and must still finish on time, so 8 minutes are cut from it. What fraction of the planned lesson is lost?

A. 8/75 *B.* 8/60 *C.* 1/8 *D.* 8/125 *E.* 1/10

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