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NCERT Class VII Science Solutions: Chapter 13 - Motion and Time Part 1

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MULTIPLE CHOICE QUESTIONS

Question 1:

Which of the following cannot be used for measurement of time?

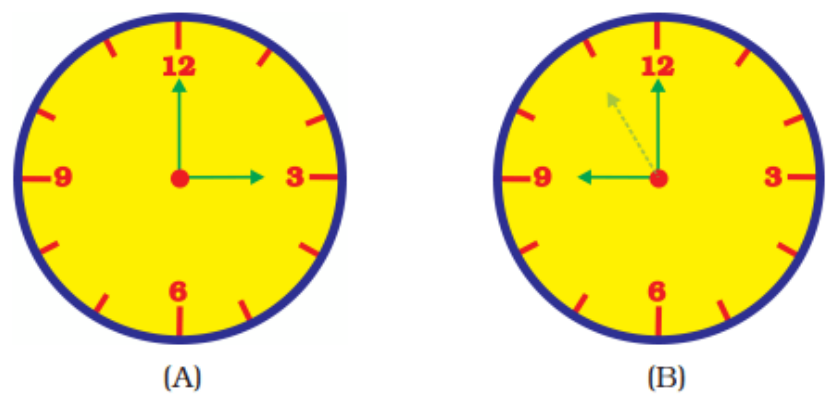
1. A leaking tap.
2. Simple pendulum.
3. Shadow of an object during the day.
4. Blinking of eyes.

Answer: D

Question 2:

Two clocks A and B are shown in Figure Clock A has an hour and a minute hand, whereas clock B has an hour hand, minute hand as well as a second hand. Which of the following statement is correct for these clocks?

1. A time interval of 30 seconds can be measured by clock A.
2. A time interval of 30 seconds cannot be measured by clock B.
3. Time interval of 5 minutes can be measured by both A and B.
4. Time interval of 4 minutes 10 seconds can be measured by clock A.



Answer: C

Question 3:

Two students were asked to plot a distance-time graph for the motion described by **Table A** and **Table B**.

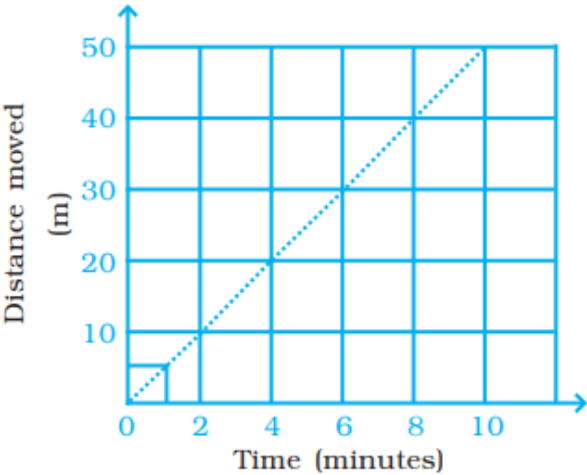
Table A

Distance <i>Moved</i> <i>(M)</i>	0	10	20	30	40	50
Time <i>(minutes)</i>	0	2	4	6	8	10
Distance-Time Graph (Q)						

Table B

Distance <i>Moved</i> <i>(M)</i>	0	5	10	15	20	25
Time	0	1	2	3	4	5

(minutes)						
Distance-Time Graph (A)						



The graph given in Figure is true for

- 1. Both A and B.
- 2. A only.
- 3. B only.
- 4. Neither A nor B.

Answer: A