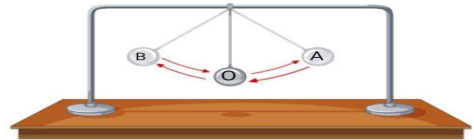


SATISH CHANDRA MEMORIAL SCHOOL
Practice Test (HOTS)
SCIENCE
Class VII

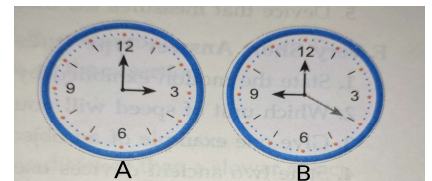
Time: 40 Minutes

Maximum Marks: 16

1. Write the correct way of making a solution of acid in water (1)
2. The nature distilled water is _____ (1)
3. Which blood group is called as universal donor ?(1)
4. Observe the figure given alongside. The time period of this simple pendulum is the time taken by it to move from: (1)



5. The seedlings sprout from animal dung heap because it contains large amount of ____ (1)
6. Assertion : Distance time graph helps to compare the speed of two objects easily.
Reason: The straight line at distance-time graph indicates the speed of an object. (1)
 - a. Assertion and reason both are correct and reason is the correct explanation for assertion.
 - b. Assertion and reason both are correct and reason is not the correct explanation for assertion.
 - c. Assertion is correct but the reason is wrong.
 - d. Assertion is wrong but the reason is correct.
7. 'Forests are called lungs of nature'. Justify your answer. (1)
8. Tiyasha advised Tiya not to sleep under the trees at night. Justify. (1)
9. Identify the type of blood vessels having thick wall and why? (1+1)
10. Observe the two clocks A and B shown in the figure. Clock A has an hour and a minute hand, whereas clock B has an hour, a minute and a 'second hand'. Answer the following questions(1+1)
 - a. Which clock will be able to measure Time interval of 20 seconds?
 - b. Which clock will be able to measure Time interval of 5 mins?



11. Identify the type of motion of the car in the figure given below and explain with reason. (1+1)



12. Why are two layers of clothing warmer than a single layer of thick clothing in winter? (2)