



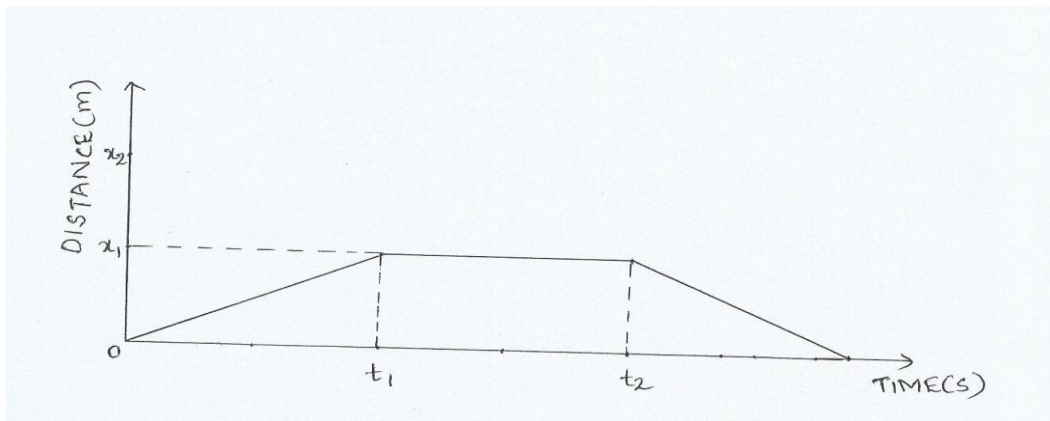
**INDIAN SCHOOL SOHAR**  
**FORMATIVE ASSESSMENT- 2**  
**SCIENCE**

**SET:-II**  
**Time:- 40 Minutes**  
**Marks:-20**

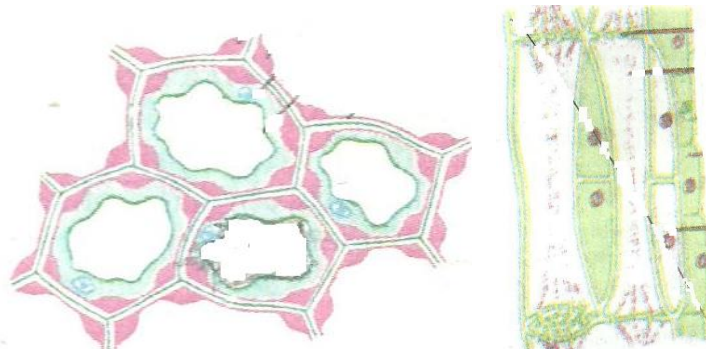
**CLASS - IX**  
**- -15**

**Answer the following:**

1. Name the molecules involved in membrane biogenesis. (1)
2. Write the dispersed phase and the dispersing medium of face cream. (1)
3. Uniform circular motion is an accelerated motion. Give reason. (1)
4. Tyndall effect is seen in colloidal solutions. Why? (1)
5. What type of motion is exhibited by the body from  $t_1$  to  $t_2$  seconds? (1)



6. The outer layer of a branch of a tree is different from that outer of a young stem. (2)  
How does the cork act as a protective tissue?
7. Water kept in an earthen pot becomes cool after sometime. Why? (2)
8. A car travelling at 40m/s skids to stop in 2s. Determine the skidding distance of the car. (2)
9. (a) What is meant by concentration of a solution? (3)  
(b) How much water should be added to 60g of sugar to obtain 30% sugar solution?
10. Identify the given tissues A and B and mention their role in the plant body. (3)



11. Draw the velocity-time graph and derive the position-velocity relation for a body moving with uniform acceleration.