INDIAN SCHOOL SOHAR
FORMATIVE ASSESSMENT II
SCIENCE

CLASS: IX   **TIME: 40 MINUTES**
DATE: 01/06/2014   **MAX. MARKS: 20**

Answer the following questions:

1. a) The process by which cell membrane is synthesized is called--------------   (1)

    b) Name the scientist who discovered Golgi bodies.

2. Give one example each for: (a) gas – gas solution (b) gas - liquid solution   (1)

3. How is evaporation different from boiling?   (1)

4. Draw the velocity time graph of a body in uniformly accelerated motion, when initial velocity u=0   (1)

5. Name the physical quantity measured by the area occupied below the velocity time graph.   (1)

6. Clothes dry faster on a windy day. Give reason   (2)

7. A car accelerates uniformly from 18km/h to 36km/h in 5s. Calculate   (2)

    (a) acceleration (b) distance covered by the car in that time.

8. Give any two functions of the following: (a) Vacuoles   (b) Nucleus   (2)

9. Draw a neat diagram of the animal cell and label the following organelles   (3)

    i) Golgi bodies   ii) Ribosomes   iii) Rough Endoplasmic reticulum

10. Derive the equation of motion 2 as = v^2 - u^2, using graphical method.   (3)

11. (a) Why Tyndall Effect is not observed in true solutions?   (3)

    (b) Calculate the amount of water required to prepare 500g of 2.5% solution of sugar.