



ANANDALAYA  
Weekly Test 3  
Class VII

Subject: SCIENCE  
Date : 1/12/2015

M.M: 20  
Time: 1 Hour

**Section A**

- Q1. Name the instrument used to measure rainfall at a place. Name the unit in which rainfall is measured. 1
- Q2. The uppermost layer of the soil is dark in colour. Why? 1
- Q3. Draw the shapes of distance-time graph for the motion in the following cases: 2
- i). a car moving with a constant speed
  - ii) a car parked on a side road
- Q 4. A train is running at a speed of 120 kilometres per hour. Calculate the distance travelled by the train in one minute. 2
- Q5. What are the various body features of penguins which make them good swimmers? How does being good swimmers help a penguin? 2
- Q6. Razia conducted an experiment in the field related to the rate of percolation. She observed that it took 40 min for 200ml of water to percolate through the soil sample. Calculate the rate of percolation. 2
- Q7. Rain forest offers hospitable climatic conditions to support huge population of animals. Explain how? 3
- Q8. Draw the cross section of soil and label the various layers. 3

## Section B

- Q9. The most appropriate unit to express the speed of a space rocket is, 1
- a. m/s
  - b. km/s
  - c. km/h
  - d. km/min
- Q10. The instrument installed in car for measuring the distance travelled by a car is called: 1
- a. barometer
  - b. speedometer
  - c. anemometer.
  - d. odometer.
- Q11. Out of the given definitions, this is the most appropriate definition of climate? 1
- a) Changes in weather conditions in a year.
  - b) Average weather pattern of many years.
  - c) Change in weather pattern in a few years.
  - d) Weather conditions during summer.
- Q12. In addition to rock material the soil contains 1
- a) Air and water
  - b) Plant, air and water
  - c) Minerals, organic and matter, air and water
  - d) Water and plants