

# Annual Examination – April 2011

Set - II

**Class :** VII  
**Total Marks:** 100

**Subject:** Science  
**Section:** A & B

**Medium:** English  
**Time:** 2 ½ Hrs

---

## Section – A :

**80 Marks**

### I Understanding (Conceptual Understanding)

**5 x 6 = 30 Marks**

**Answer any five of the following:**

- 1) What is pollution? What are the reasons for air pollution? Write the steps to be taken to prevent it?
- 2) Write the differences between Red Blood Corpuscles and White Blood corpuscles.
- 3) Zinc can not combine with Hydrogen. But it combines with chlorine. Give reasons. Name the substance formed.
- 4) What are uni-sexual flowers? What type of pollination takes place in them? Why?
- 5) Ravi fell off from his bicycle and got hurt. Stains of blood and greeze were found on his clothes. What should be done to remove them?
- 6) What are the uses of space probes? Give examples?

### II Experimental skills / Field experiment

**4 x 5 = 20 Marks**

- 7) How do you explain the electrolysis of acidified water?
- 8) You have already prepared oxygen in the laboratory. Now mention the apparatus used and precautions taken.
- 9) Find out a the essential and non- essential parts of the flower collected by you. Explain their shape, colour, number and arrangement?
- 10) Take a plane mirror and a picture on a pad. See the image of the picture in the mirror and write its characteristics.

### III Draw the diagrams / Explanation

**5x2=20 Marks**

- 11) Draw a diagram showing the arrangement of apparatus in the preparation of Hydrogen in the laboratory.
- 12) Rama connected a bulb, a tap key, a play key and a voltmeter to an electric cell. Now draw the electric circuit using the symbols.

- 13) Draw a diagram showing the pollen tube from a germinating pollen grain entering the embryo sac.
- 14) Label the parts of an electric bell. What is the use of the evacuator in the electric bell?

**IV Answer the following questions**

**(Higher order thinking questions)**

*5x2= 10 Marks*

- 15) Why does the glass get heated when hot milk is poured in?
- 16) What happens when more number of bulbs are arranged in a circuit?
- 17) What happens, when the level of mercury falls (decreases) suddenly in the Barometer?
- 18) Write any two innovative questions on 'Deforestation.
- 19) write any two questions on the diseases caused by houseflies and mosquitoes?

\*\*\*