

# Riviera International Academy

## Assignment-2077

(Ashad 28, 2077, Sunday)

Class: Eight Date:- \_\_\_\_\_ Name:- \_\_\_\_\_

### Subject- Science

1. Introduce the symbol and valency.
2. Define atomic radicals and compound radicals?
3. What is radical? Write any five-five electropositive and electronegative radicals.
4. Mention the symbol and valency of the following:
  - i. Nitrate
  - ii. Bicarbonate
  - iii. Silicate
  - iv. Ammonium
  - v. Carbonate
  - v. Chlorate
  - vi. Phosphate
  - vii. hydroxide

### Subject- Social Studies

Write any four solutions to control the problem of brain drain.

### Subject- Opt. Mathematics

1. Find the images of the following points after reflection in the x-axis.  
a) A(2, 5)    b) B(- 5, 6)    c) C(4, 0)    d) D(4, - 3)    e) E(-4, - 5)    f) F(0, - 6)
2. Find the images of the following points after reflection in the y-axis.  
a) A(5, 7)    b) B(-7, 3)    c) C(- 8, - 7)    d) D(2, - 8)    e) E(0, 8)    f) F(- 5, 0)
3. Find the images of the following points after reflection in the line  $y = x$ .  
a) A(7, 3)    b) B (- 8, 2)    c) C(- 7, - 9)    d) D(8, - 9)  
e) E(7, 0)    f) F(0, 5)    g) G(- 5, - 5)    h) H(0, - 5)

### Subject- Mathematics

Source: photo of exercise already given.

Work: Read & write all definitions with all examples from pages 19 to 22.

Do your work neatly

**The End.**