

**Riviera International Academy**

**Assignment-2077**

**(Shrawan 26, 2077, Monday)**

**Class: Nine**

**Subject-HPE**

**A. Give long answers to the following questions.**

1. Describe the indicators of development with examples.
2. Define human resource development. Describe the methods to enhance human resource development.

**Subject- Computer**

**1) Convert the numbers as instructed:**

a)  $(2AB)_{16} = (?)_{10}$       b)  $(2BC)_{16} = (?)_8$       c)  $(11010111)_2 = (?)_8$       d)  $(683)_{10} = (?)_{16}$

**2) Fill in the blanks.**

- a. The physical part of a computer is known as .....
- b. The different electronic components of motherboard are connected with the help of .....
- c. The ROM contains ..... program which is needed for starting a computer.
- d. The contents of .....can be erased by exposing it to ultraviolet light.
- e. The ..... Memory is placed in between the CPU and the main memory of the computer.

**Subject- Mathematics**

Source: Photo of exercise are already given

Work: Complete 6.2

Do your work neatly

**Subject- Science**

1. Define the following:

- a Reactant      b. Product      c. Word equation      d. Balance equation

2. Write the differences between physical and chemical change.

3. Write four information obtained from balanced chemical equation.

4. Balance the following word equation:

- a. Copper + sulphuric acid  $\longrightarrow$  Cupric sulphate + Water + sulphur dioxide
- b. Lime water + Carbon dioxide  $\longrightarrow$  Calcium carbonate + Water
- c. Zinc + Hydrochloric acid  $\longrightarrow$  Zinc Chloride + Hydrogen
- d. Sodium carbonate + Water  $\longrightarrow$  Sodium carbonate + Hydrogen carbonate

**The End.**