

**Riviera International Academy**

**Assignment-2077**

**(Baisakh 31, 2077, Wednesday)**

**Class: Ten**

**Subject – Opt. Mathematics**

Source: Photo of exercise will be provided tomorrow after class.

Homework: Read and write all definitions and copy all examples (3-times).

**Subject - Science**

1. Acceleration due to gravity of the earth surface is  $9.8\text{m/s}^2$  and that of at height from earth surface is  $4.002\text{m/s}^2$ . Calculate the height from the earth surface. Radius of earth is 6400km.
2. Weight of an object is 980N on the earth surface. What is the weight of the same object above 3600km from earth surface?
3. A person can lift a mass 50kg on the earth surface. How much mass he can lift on the lunar surface?
4. What is the meaning of acceleration due to gravity of Jupiter  $25\text{m/s}^2$ ?
5. Explain the feather and coin experiment. What conclusion is drawn from this experiment?

**Subject - Social Studies**

1. What are the differences between human resource management and human resource development?
2. How should human resource be developed? What provision should a nation have in its development?

**The End.**