

# Riviera International Academy

## Assignment-2077

(Baisakh 25, 2077, Thursday)

Class: Ten Date:- \_\_\_\_\_ Name:- \_\_\_\_\_

### विषय – नेपाली

१. सन्तुष्टि कविताबाट व्याकरणको प्रश्न नं २ मा दिइएका धातुबाट वाक्य बनाउनुहोस् । (पृष्ठ नं १३,१४)
२. पृष्ठ १४ को प्रश्न नं ४ को धातु प्रयोग गरी घुम्न जाँदाको वर्णन गर्नुहोस् ।

### Subject – Mathematics

Source: Textbook of Mathematics-10

Work: Do all from page 104.

### Subject - Science

1. What will be the change in gravitation force when distance between any two masses is half?
2. What is the acceleration due to gravity of a spherical object having mass 300Kg and diameter 10m?
3. What is the acceleration due to gravity of the earth above 7200km from the earth surface? Mass of the earth is  $6 \times 10^{24}$  Kg and its radius is 6400Km.
- 4 Show that  $g = GM/R^2$ .
5. The mass of Jupiter is  $1.9 \times 10^{27}$  Kg and radius is  $71 \times 10^3$  Km. Calculate the weight of 100kg mass on the surface of Jupiter.

**The End.**