

**Riviera International Academy**

**Assignment-2077**

**(Jestha 15, 2077, Thursday)**

**Class: Ten**

**Subject –Science**

**1. Write the differences between of the following.**

- Mass and weight
- Universal gravitation constant (G) and acceleration due to gravity (g)
- Free fall and weightlessness
- Gravitation and gravity

**2. Show that acceleration due to gravity is independent of mass of falling object.**

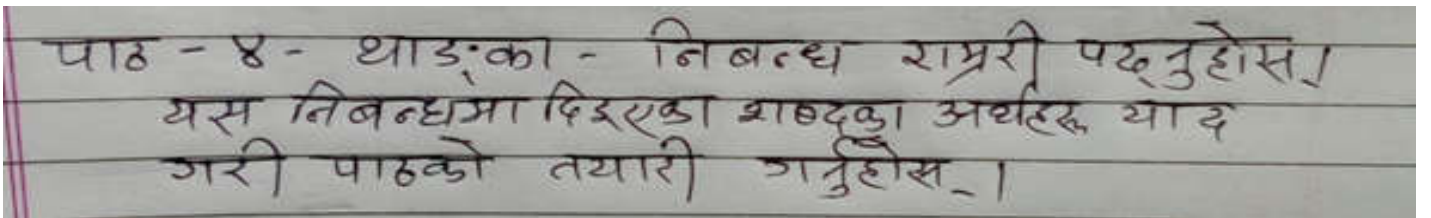
**3. A stone and a feather are dropped simultaneously from a height on the earth surface. Which one reaches at first on the surface of earth and why?**

**4. Write any four effects of gravitational force.**

**Subject- Social Studies**

- List down five countries with high HDI in 2018.
- List down five countries having low HDI in 2018

**विषय – नेपाली**



**The End.**