

Riviera International Academy

Assignment-2077

(Baisakh 16, 2077, Tuesday)

Class: Ten Date:- _____ Name:- _____

Subject - Social Studies

Answer the following questions in short.

1. What is meant by human resource? Define.
2. What are the types of human resource based on tenure of service? Write them.
3. How does self-employment helps to enrich economic prosperity of a nation? Write your view in a sentence.

HPE

A. Watch the videos given in the links and write an essay about *diabetes* in 200 words.

Links:

<https://www.youtube.com/watch?v=UznxKiHrNx4> in English.

<https://www.youtube.com/watch?v=hRKH05f-CFM> in Nepali.

Subject – Science

1. Short answer type questions.

- a. State Newton's law of gravitation.
- b. In which factors gravitational force depend on?
- c. Define universal gravitational constant G. Write its SI unit.
- d. What is the meaning of value of gravitational constant G is $6.67 \times 10^{-11} \text{Nm}^2/\text{Kg}^2$?

2. Long type questions.

- a. Prove that $F = Gm_1m_2/d^2$
- b. What will be change in gravitational force if both masses are doubled?
- c. What will be change in gravitational force if distance between two masses is double?
- d. What will be change in gravitational force when any one mass is triple and distance is half?

The End.