

Riviera International Academy

Assignment-2077

(Baisakh 23, 2077, Tuesday)

Class: Ten

Subject - Science

Solve the numerical problems:

1. The mass of the moon is 7.2×10^{22} Kg and its radius is 1.7×10^6 m, what will be the acceleration due to gravity of the moon?
2. Calculate the acceleration due to gravity of a planet having mass 5×10^{22} Kg and radius 1700Km.
3. What is the weight of 50Kg mass on the surface of Jupiter if its mass is 1.9×10^{27} kg and radius is 71×10^6 m.
4. Calculate the acceleration due to gravity at height 3600Km above the earth surface. The mass of earth is 6.4×10^{24} Kg and its radius is 6400 Km.
5. The mass of earth is 6.4×10^{24} Kg and its radius is 6400 Km, what will be the weight of 300Kg mass of an object on the surface of earth?

Subject – HPE

A. Write differences:

1. Physical aspect and biological aspect environment.
2. Socio-cultural aspect and economic aspect of health, population and environment

Subject - Computer

1) Answer the following questions:

- a) What is computer network? Write advantages and disadvantages of computer network.
- b) What is network protocol? Give its examples.
- c) What is network topology? Draw the diagram of bus, star and ring topology and also write their two merits and two demerits.

The End.