# **PRITHWI SECONDARY BOARDING SCHOOL** Basundhara, Kathmandu, Contact: 01-5904816

**ANNUAL EXAMINATION - 2077**

**Grade: VI Full Marks: 50**

**Subject: Science Pass Marks: 20**

**Time: 1 hour and 30 minutes**

**Group A: [Physics – 25 Marks]**

* 1. Define measurement. Why is it necessary to measure anything? [1+2]
  2. What is the unit? What are physical quantities? [1+1]
  3. Why the unit of velocity is called derived unit? [2]
  4. What is rest? Why a plucked string of guitar is vibratory motion? [1+2]
  5. What is lever? Pulling downward is easier than pulling upward through pulley. Why? [1+2]
  6. Write two uses of a pulley? [2]
  7. What is heat? What is thermal expansion? [1+1]
  8. Sun is the main source of heat. Why? [2]
  9. Burning of fossil fuel gives heat energy. Why? [2]
  10. What is a thermometer? [1]
  11. What is magnet? Why dry cell is better than simple cell? [1+2]

**Group B: [Chemistry – 5 Marks]**

* 1. Solid have fixed shape and size. Why? [2]
  2. What is an atom? Gas flows in every direction Why? [1+2]

**Group C: [Biology – 10 Marks]**

* 1. What are aquatic animals? Write any two characteristics of them. [1+2]
  2. Body of yak is covered with thick and long hairs. Give reason? [2]
  3. Earthworm is a hermaphrodite. Why? [2]
  4. Lotus is an aquatic plant. Give reason. [2]
  5. Define producer. [1]

**Group D: [Astronomy – 5 Marks]**

* 1. Write any two external structures of the earth. [1]
  2. Terai is plain. Why? [2]
  3. Earth is a living planet. Why? [2]

**Group E: [Environment Science – 5 Marks]**

* 1. What is environment? [1]
  2. Goat is herbivore. Why? [2]
  3. Afforestation should be encouraged. Why? [2]

*Best Wishes!!!*