

# Riviera International Academy

## Assignment-2077

(Ashwin 16, 2077, Friday)

**Class: Nine**

### **Subject- Computer**

**Write complete HTML code for the following list.**

#### **The list of electronic machine:**

- Washing Machine
- Refrigerator
- Micro Oven
- Air Conditioning System
- Television

#### **The list of vehicles:**

- a. Ambulance
- b. Helicopter
- c. Bus
- d. Car
- e. Train

### **Subject-HPE**

Homework will be given in Google Classroom.

### **Subject- Science**

1. In the case of block and tackle pulley arrangement, mechanical advantage increases with the number of pulleys. Why?
2. Write two uses of incline plane & wheel and axle each.
3. Write the differences between VR and efficiency of simple machine.
4. Efficiency of a lever is 30%. If its MA is 3, calculate:
  - i. Effort applied to lift a load of 1200N by using the lever.
  - ii. VR
  - iii. Output work if load is turned 10cm high.
  - iv. Input work.

### **Subject- Mathematics**

Source: Photos of exercise are already given

Work: Complete all the work of indices (I<sup>st</sup> exercise)

Do your work neatly

**The End.**