

Riviera International Academy

Assignment-2077

(Ashad 26, 2077, Friday)

Class: Ten Date:- _____ Name:- _____

Subject- Social Studies

1. Define sustainable development. Also write the objective of sustainable development.

विषय - नेपाली

१. पाठबाट व्यापारिक चिठीको नमुना बनाउनुहोस्।

२. म पनि सक्छु मनोवादमा दिइएको कुनै एक शीर्षकमा मनोवाद लेख्नुहोस्।

Subject- Computer

- 1) Write a program to input the radius and height of a cylinder and calculate the volume and total surface area of the cylinder using FUNCTION procedure. [Hint: $v = \pi r^2 h$, $a = 2\pi r(r+h)$]
- 2) Write a program to input the principal time, date and time and calculate the simple interest using FUNCTION..... END FUNCTION.
- 3) Write a program to input the base and height of a triangle and calculate its area using FUNCTION procedure.

Subject- Science

1. Show that hydraulic machine is force multiplier.
2. Prove that $U = dgV$, where the symbols have usual meanings.
3. Explain in brief the working principle of air pump. Figure is necessary.
4. Write any two differences between Archimedes' principle and law of floatation.

The End.