

Riviera International Academy

Assignment-2077

(Baisakh 25, 2077, Thursday)

Class: Eight

Subject: Opt. Mathematics

Match the followings.

a) $\sin 30^\circ$

b) $\operatorname{cosec} 60^\circ$

c) $\sec 60^\circ$

d) $\sin 45^\circ$

e) $\cos 30^\circ$

f) $\tan 30^\circ$

g) $\operatorname{cosec} 45^\circ$

h) $\cot 90^\circ$

i) $\tan 60^\circ$

j) $\cot 45^\circ$

k) $\sec 90^\circ$

l) $\cos 0^\circ$

2

$\frac{\sqrt{3}}{2}$

$\frac{1}{2}$

$\frac{2}{\sqrt{3}}$

$\frac{1}{\sqrt{3}}$

$\sqrt{2}$

1

$\frac{1}{\sqrt{2}}$

0

∞

1

Subject- Science

1. What is fundamental unit? Why is unit of mass called fundamental unit.
2. Why SI unit is importance? Write two reasons.
3. What do you mean by 1Kg mass?
4. What is scientific number? How can you write a very small number in scientific notation?
Explain.
5. Why are *Dharni* and *Tola* is not appropriate unit of measurement?
6. Define MKS and FPS system.

Subject- Social Studies

- a. Define energy.
- b. Define electricity.
- c. Name the first hydro electricity project of Nepal. Write the date of establishment.
- d. What are the types of energy? List them.
- e. What are the sources of electricity? List them.

The End.