

# Riviera International Academy

## Assignment-2077

(Jestha 28, 2077, Wednesday)

**Class: Ten**

### Subject-Science

1. Define density and relative density. Why relative density has no unit?
2. Write the factors on which liquid pressure depends. Also write the relation of each with liquid pressure.
3. Write any two differences between density and relative density.
4. The densities of some substances are given below. Answer the following questions.

| Substances | Density  |
|------------|----------|
| A          | 18 g/cc  |
| B          | 12 g/cc  |
| C          | 0.9 g/cc |

- i. Which substance will have the least volume, if equal masses of all the three of them are taken? Why?
- ii. Which has least mass if all have equal volume and why?
- iii. Which one will floats in water and why?

### Subject- English

Unit 3

E-book

Pg 25

Ex 2. (Question-Answer)

### Subject- Computer

- 1) Write a program using FUNCTION..... END FUNCTION to input the length and breadth of a rectangle and calculate its perimeter. [Hint: perimeter=2\*(length + breadth) ]
- 2) Write a program using FUNCTION..... END FUNCTION to input the radius of circle and print its perimeter. [Hint: perimeter=2 r ]
- 3) Write a program using FUNCTION..... FUNCTION SUB to input the base and height of a triangle and print its area. [Hint: area=1/2\*(base\*height) ]
- 4) Write a program using FUNCTION..... END FUNCTION to input principal amount, time and rate of interest and calculate simple interest. [ Hint: p=(p\*t\*r)/100 ]

**The End.**