

## Assignment Unit 2

**Note: Submission Deadline: 21/02/2023 Time 11.30pm**

**Question:** using COCOMO model formulas and variable values as given below

Estimate:

Effort required

Development time

No Person is Required for different category of projects.

### *BASIC MODEL EQUATIONS*

1. Effort =  $a \text{ (KLOC)}^b$  person month
2. Development Time =  $c \text{ (Effort)}^d$  months
3. Number of People = Effort / Development Time persons

Software Product Type	a	b	c	d
Organic	2.4	1.05	2.5	0.38
Semi-detached	3.0	1.12	2.5	0.35
Embedded	3.6	1.20	2.5	0.32

Product 1: A semi-detached mode product delivering 55,000 lines of code.

Product 2: An embedded mode product delivering 55,000 lines of code.

Product 3: An organic mode product delivering 55,000 lines of code.