

Question set 04

As an input, the original COCOMO is using:

- 3 models of calculation and 2 development models
- 3 models of calculation and 3 development models
- 2 models of calculation and 2 development models

The original COCOMO is estimating work expenditure based on:

- Code size
- Amount of function points
- Relationships that can be derived using Halstead's complexity

COCOMO can be used to estimate:

- Effort and time needed to deliver SW
- time needed to deliver SW and work expenditure
- code size in KSLOC

SW work expenditure is using the following units:

- man-days or man-months
- days or months
- LOC or KLOC

Time needed to deliver SW is using the following units:

- Man-months
- Man-days
- months

Complexity correlates with:

- code size
- work expenditure
- time needed to deliver SW

Which COCOMO development model is applied to most challenging projects:

- organic
- semi-detached
- embedded

Which COCOMO calculation model is using corrective factor:

- basic
- intermediate
- advanced

Which attributes have impact on COCOMO corrective factor:

- attributes of SW product
- attributes of development team
- attributes of project

What is the value of COCOMO corrective factor if it does not have any impact on calculation:

- 0
- $\frac{1}{2}$
- 1

Choose what is true for COCOMO corrective factor:

- It is a sum of 15 cost drivers specific for development process
- Each of cost drivers has to be evaluated on a scale
- Not all cost drivers are evaluated on a 6 level scale

Which models are used in COCOMO2:

- ACM - Application Composition Model
- PDM - Post Design Model
- EAM - Early Architecture Model

Which COCOMO2 model is using the highest number of parameters:

- ACM - Application Composition Model
- EAM - Early Architecture Model
- PDM - Post Architecture Model

Following the SW development phases, what is the correct order of models to be used:

- Application Composition Model first, then Early Design Model, and Post Architecture Model latest
- Early Design Model first, then Post Architecture Model, and Application Composition Model latest
- Post Architecture Model first, then Application Composition Model, and Early Design Model latest

For modification of existing software, COCOMO2 has introduced the following new components (as compared to original COCOMO):

- Integration effort
- Assessment and assimilation
- Software understanding