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
* ½
* 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