Software Engg_Quiz4_Chapter 4_TE COMP_B_FH 2021

Total points 10/10 ❓

Quiz 4 on Chapter No 4: Software Design

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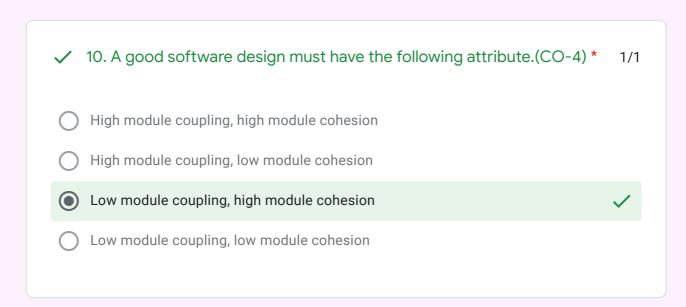
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✓ 1. Which of the following is / are the type of Cohesion?(CO-4) *   1/1

○ Functional

○ Layer

○ Communicational

◉ All of the above   ✓

✓ 2. What is the meaning of Functional Cohesion?(CO-4) *   1/1

◉ Operations are part of single functional task and are placed in same procedures.   ✓

○ All operations that access the same data are defined within one class.

○ All operations that access the data from outside the module

○ . None of the above.

✓ 3. Which is the worst type of coupling?(CO-4) *   1/1

○ Control coupling

○ Data coupling

◉ Content coupling   ✓

○ Stamp coupling

4. Which is the most desirable form of cohesion?(CO-4) * 1/1

○ Logical cohesion

◉ Functional cohesion ✓

○ Procedural cohesion

○ Communicational cohesion

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5. _____ is an indication of the relative functional strength of a module.(CO-4) * 1/1

◉ Cohesion ✓

○ Coupling

○ Modularity

○ Cohesion and coupling.

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6. Independent modules are easier to maintain and test because of _____. (CO-4) * 1/1

○ Code modification is limited,

○ Error propagation is reduced

○ Reusable modules are possible.

◉ All of the above ✓

✓ 7. Software is divided into separately Named and Addressable   1/1
Components, and it is called as _____ .(CO-4) *

○ Software

○ Cohesion

◉ Module   ✓

○ None of the above

✓ 8. _____ is an indication of the relative interdependence among   1/1
modules.(CO-4) *

○ Cohesion

◉ Coupling   ✓

○ Modularity

○ Cohesion and coupling.

✓ 9. Independence of module is assessed using two qualitative criteria.   1/1
What are those criteria?(CO-4) *

◉ Cohesion and coupling   ✓

○ Module and modularity

○ Cyclomatic complexity and modularity

○ None of the above.

✓ 10. A good software design must have the following attribute.(CO-4) *   1/1

○ High module coupling, high module cohesion

○ High module coupling, low module cohesion

◉ Low module coupling, high module cohesion   ✓

○ Low module coupling, low module cohesion

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