SE ASSIGNMENT - 2

[A] Do as directed.

(i) Which one of the following is not a step of requirement engineering?

(A) elicitation
(B) design
(C) analysis
(D) documentation

(ii) What do you call, when the elements of a module, all operate on the same data?

(A) Functional cohesion
(B) Communicational cohesion
(C) Procedural cohesion
(D) Temporal cohesion

(iii) A design is said to be a good design if the components are

(A) Strongly coupled and strongly cohesive
(B) Weakly cohesive and weakly coupled
(C) Strongly cohesive and weakly coupled
(D) Strongly coupled and weakly cohesive

(iv) What do you call when two modules are coupled, when they communicate via a composite data item?

(A) Content coupling
(B) Common coupling
(C) Control coupling
(D) None of the above

(v) “Consider a system where, a heat sensors detects an intrusion into premises and alerts the security company.” What kind of a requirement the system is providing ?

(A) Functional
(B) Non – Functional
(C) Known Requirement
(D) None of the above

(vi) What establishes the profile of end-users of the system?

(A) design model
(B) user’s model
(C) system image
(D) None of the above

(vii) A design is an instance of an _____ similar to an object being an instance of a class.

(viii) In collaborative requirements gatherings meeting a _____ controls the meeting.

(xi) _____ analysis results in the specification of software’s operational characteristics along with its interface specification for interacting with other system elements.

(x) In system design the degree of interaction between two modules is known as _____.

(xi) Functional requirements capture the intended behavior of the system.

[State:True/ False and justify your answer]

(xii) A Use-case actor is always a person having a role that different people may play.

[State:True/ False and justify your answer]

[B] Write a note on Domain Analysis.
[C] Explain inception and elicitation in context of requirement understanding
[D] Discuss architecture in view of design concepts.
[E] List and explain different models that come into play when a user interface is to be analyzed and designed.
[F] Explain transform mapping in detail. Mention steps for performing transform mapping.
[G] Discuss Fitt's law, anticipation and controlled autonomy guidelines/ principles in WebApp interface design.
[H] What are user interface design patterns? List and Explain different design issues in interface design.
[I] Discuss coupling in view of design concepts.