



V SEM-SCS1305-SOFTWARE ENGINEERING ASSIGNMENT II

Fill in the Blanks:

- 1) _____ is an indication of the relative functional strength of a module
- 2) _____ is a mechanism to transform user requirements into some suitable form, which helps the programmer in software coding and implementation.
- 3) _____ in Software Engineering is an object-based picture or pictures that represent the use cases for a system
- 4) _____ is a tool that enables a designer to consider a component at an abstract level without bothering about the internal details of the implementation.
- 5) _____ measures the relative interdependence among modules

Short Questions:

- 1) List two principles of good design
- 2) Define Modularity
- 3) 'A system must be loosely coupled and highly cohesive'. Justify
- 4) What do you interpret from design heuristics?
- 5) Which is best and worst coupling, cohesion type in design criteria?

Long Questions:

- 1) Describe the various coupling and cohesion methods used in software design.

Instructions:

- 1) Use unruled sheets for writing your assignments
- 2) Scan and send your assignment in any format preferably pdf and upload correct document
- 3) Save your assignment in file name(Register Number_Name)eg: (38110018_AARUSH)
- 4) For fill ups just write the answer alone