H.T.No. | | | | | | | | | | |

CS1915 **GEC-R14**

M. Tech II Semester Regular/Suppl. Examinations, July 2016

OBJECT ORIENTED SOFTWARE ENGINEERING

(Computer Science Engineering)

Time: 3 Hours **Max. Marks: 60**

Note: Answer any **FIVE** questions. All Questions carry equal Marks.

5 × 12 = 60M

1. a) What is the importance of post delivery maintenance? (6M)
   b) Structured Programming paradigm is not suitable for larger products. Justify your Answer. (6M)
2. a) The code-and-fix model is the easiest way to develop software & also the worst way. Justify your answer. (8M)
   b) Write short notes on Agile Processes (4M)
3. a) Explain Bottom-up approach and Algorithmic cost estimation model for cost estimation. (8M)
   b) What are the COCOMO components of Software (4M)
4. a) What are the five essential & fundamental metrics used in cost estimation? (6M)
   b) Write short notes on Taxonomy of CASE (6M)
5. a) Define Cohesion and Coupling. What are the different Levels of Cohesion? (6M)
   b) Polymorphism and Dynamic binding add both strengths and weaknesses to the object oriented paradigm. Justify your Answer? (6M)
6. a) Write Short Notes on Information hiding. (6M)
   b) Explain about Rapid Prototyping Method. (6M)
7. a) Explain Use Case and Class modeling with examples (8M)
   b) Differentiate Object Oriented Analysis and Object Oriented Design. (4M)
8. Write short notes on
   a) Dynamic modeling. (6M)
   b) Differentiate between Data Oriented Design and Object Oriented Design. (6M)

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